19981029.qrp v01_n259.qrs.981029 v01_n260.qrs.981029

Date: Thu, 29 Oct 1998 18:59:33 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1259

QRP-L Digest 1259

Topics covered in this issue include:

  1) [23424] Ten-Tec 1320 Mod needed
     by Richard <kt4or@qsl.net>
  2) [23425] rig FS or trade
     by K4NK@aol.com
  3) [23426] Elmer 100 archives?
     by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
  4) [23427] Universal Enclosure
     by SNickrand@aol.com
  5) [23428] FS: TT KR20-A KEYER $50. SHIPPED
     by "Bill NT1R" <wlegge1@maine.rr.com>
  6) [23429] RE: General Privileges Without CW Testing
     by "Mike Rioux" <mike@rioux.org>
  7) [23430] Everything Old is New Again
     by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
  8) [23431] Re: FOX: N2TO = ruff!
     by Monte Stark <ku7y@dri.edu>
  9) [23432] Top Scores... Surprise!
     by w4pj@w4bkx.ampr.org
 10) [23433] HTX-100
     by Dan Puckett <dpuckett@erinet.com>
 11) [23434] Re: Elmer 100 archives?
     by Dave Sjolin <sjolin@swbell.net>
 12) [23435] FS: Amplifier foundation
     by Ed Tanton <n4xy@att.net>
 13) [23436] Re: HTX-100
     by "Cho" <sungch@earthlink.net>
 14) [23437] Re: HTX-100
     by "Radman" <radman@best.com>
 15) [23438] Re: FIRE-BALL FRATERNITY
     by Peter Larsen <larsenp@cadvision.com>
 16) [23439] re: RX Noise bridge article
     by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
 17) [23440] FOX:Team Scores
     by Bruce Rattray <rattray@gpfn.sk.ca>
 18) [23441] RE: [amsat-bb] RS-12/13
     by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
 19) [23442] <<<<<< Sierra /Tuner SOLD>>>>>

    by "Tim Cook" <timcook@erinet.com>
20) [23443] From: [QRP] New qrp'er needs advice
    by olyellr@iglou.com
21) [23444] Parts for a HW-8
    by Bill Wyatt <bwyatt@onenet.net>
22) [23445] Trade
    by ac5ez@webtv.net (Larry B)
23) [23446] zombie cq ....
    by Walt Amos <waltk8cv@ameritech.net>
24) [23447] for sale 38 special
    by Walt Amos <waltk8cv@ameritech.net>
25) [23448] Fox 0100z-0300z Today (Thursday)
    by Monte Stark <ku7y@dri.edu>
26) [23449] FS QRP RIGS/MISC
    by n1wcc@juno.com (Arol B Hill)
27) [23450] Re: HTX-100
    by Dan Puckett <dpuckett@erinet.com>
28) [23451] ****FS: New OHR500/keyer & DD-1****
    by "cdd" <cdd@bellatlantic.net>
29) [23452] Reminder: 10K 10-Turn Pot Group Buy
    by "Jerry McCollom W0MC" <w0mc@hotmail.com>
30) [23453] Re: Universal Enclosure
    by n3fel@juno.com (Howard D Rubin)
31) [23454] Re: Keyer (CMOS III)
    by Lars Olsson <sm3avq@ebox.tninet.se>
32) [23455] Matched Zip-Cord Antenna
    by Chuck Carpenter <w5usj@webwide.net>
33) [23456] Dashes on right paddle or left?
    by Mike Parkes <ab7ru@yahoo.com>
34) [23457] Re: Dashes on right paddle or left?
    by "KA5T Larry Wise" <lewise@inetport.com>
35) [23458] Heath Kit DX100 manual needed
    by Scott Howell <whowell@hq.nasa.gov>
36) [23459] Re: HTX-100
    by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
37) [23460] Re: FOX QRM?
    by crc <crc@io.com>
38) [23461] Re: What Makes it "Iambic"
    by Chuck Carpenter <w5usj@webwide.net>
39) [23462] Tokyo HyPower reflector
    by "Caitlyn M. Martin" <cait.martin@ibm.net>
40) [23463] 44-MAGNUM????
    by "GREGORY HEATH" <KB2QQM@email.msn.com>
41) [23464] FS QRP RIGS/MISC
    by n1wcc@juno.com (Arol B Hill)
42) [23465] RE: FCC license adress change
    by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
43) [23466] Re: Dashes on right paddle or left?

by "Bruce Prior" <n7rr@hotmail.com>
44) [23467] 44-MAGNUM???? -Reply
by Bob Reynolds <breynold@sigg.com>
45) [23468] Re: Official ZOMBIE SHUFFLE Rules
by Brian Kassel <bkassel@dancris.com>
46) [23469] RE: Dashes on right paddle or left?
by Kevin Muenzler WB5RUE <wb5rue@stic.net>
47) [23470] Re: FOX QRM?
by "Steve Sorrell" <ap036@detroit.freenet.org>
48) [23471] QST Product Review Test Results Available
by "Ed Hare, W1RFI" <ehare@arrl.org>
49) [23472] Re: Dashes on right paddle or left?
by frank lauri <qrpp@yahoo.com>
50) [23473] Re: 44-MAGNUM????
by frank lauri <qrpp@yahoo.com>
51) [23474] Elmer200: Lab 1 [long]
by Chuck Adams <adams@ticnet.com>
52) [23475] Re: Dashes on right paddle or left?
by "cdd" <cdd@bellatlantic.net>
53) [23476] Emtech email address
by PDouglas12@aol.com
54) [23477] Re: Dashes on right paddle or left?
by Roger Hightower <n7kt@earthlink.net>
55) [23478] Re: Elmer200: Lab 1 [long]
by "Brad Hernlem" <alihernlem@hotmail.com>
56) [23479] Re: Dashes on right paddle or left? -Reply
by Bob Reynolds <breynold@sigg.com>
57) [23480] Re: FIRE-BALL FRATERNITY/ Attn: hams with webpages & QRP clubs
by Jim <kj5tf@madisoncounty.net>
58) [23481] Scope Probes
by "Brad Hernlem" <alihernlem@hotmail.com>
59) [23482] keyboard cw
by kq0i@juno.com (Mark R Milburn)
60) [23483] FYI Patents
by "Brad Hernlem" <alihernlem@hotmail.com>
61) [23484] trouble
by Rich Wilkerson <richqrp@home.com>
62) [23485] Results of AR QRP Net
by Robsparks@aol.com
63) [23486] Re: Dashes on right paddle or left?
by "Radman" <radman@best.com>
64) [23487] 11-2-10 project
by Steven Weber <kd1jv@moose.ncia.net>
65) [23488] Tayloe Mixer
by Steven Weber <kd1jv@moose.ncia.net>
66) [23489] Copy CW Challlenge
by dave_epps@juno.com
67) [23490] QRP Chuckle

by dave_epps@juno.com
68) [23491] Antenna Twist
by dave_epps@juno.com
69) [23492] Re: QRP-L digest 1258
by Jerry Conover <jerry.conover@NAU.EDU>
70) [23493] Re: Dashes on right paddle or left?
by John Levreault <jlevro@mediaone.net>
71) [23494] Iron-on PC layout material?
by DNT1@chrysler.com
72) [23495] Re: Keyer (CMOS III)
by "Radman" <radman@best.com>
73) [23496] Re: Tayloe Mixer
by John Levreault <jlevro@mediaone.net>
74) [23497] Re: QRP-L digest 1258
by "Frank Grigaliunas" <fgrig@iea.com>
75) [23498] Re: Everything Old is New Again
by KC5TJA <kc5tja@topaz.axisinternet.com>
76) [23499] Re: Dashes on right paddle or left?
by "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
77) [23500] Good grief!!
by Larry East <w1hue@amsat.org>
78) [23501] 38s - extreme low volume
by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
79) [23502] Re: Iron-on PC layout material?
by Ben Pooley <bpooley@bar.auracom.com>
80) [23503] Re: Iron-on PC layout material?
by "Ed Hare, W1RFI" <ehare@arrl.org>
81) [23504] Re: Iron-on PC layout material?
by W7LS <w7ls@blarg.net>
82) [23505] What are the "Zombie Shuffle" Rules?
by Mike Parkes <ab7ru@yahoo.com>
83) [23506] Re: 44-MAGNUM???? -Reply
by Steve <smann@advi.net>
84) [23507] Re: Official ZOMBIE SHUFFLE Rules
by Steve <smann@advi.net>
85) [23508] Re: FOX QRM?
by n2tpa@juno.com (Bill d Lazure)
86) [23509] RE: Keyboard CW
by "Ken & Linda Burrough" <ne0c@1st.net>
87) [23510] QRP chuckle
by k5ubs@juno.com (Oscar A Hoyt)
88) [23511] Re: 44-MAGNUM???? -Reply -Reply
by Bob Reynolds <breynold@sigg.com>
89) [23512] Re: Tayloe Mixer
by "Robert P. Okas" <vintage@best.com>
90) [23513] Re: Tayloe Mixer
by John Levreault <jlevro@mediaone.net>
91) [23514] Re: Copy CW Challlenge

    by Mike Manship <mjmanship@iquest.net>
 92) [23515] Some thoughts on QRP-L usage
    by PDouglas12@aol.com
 93) [23516] Re: Tayloe Mixer
    by Steven Weber <kd1jv@moose.ncia.net>
 94) [23517] Re: Iron-on PC layout material?
    by Steven Weber <kd1jv@moose.ncia.net>
 95) [23518] Re: QRP chuckle
    by BADDBadger@aol.com
 96) [23519] Re: Good grief!!
    by Dave Marling <dbm@klis.com>
 97) [23520] Re: Tayloe Mixer
    by John Levreault <jlevro@mediaone.net>
 98) [23521] Re: FOX QRM?
    by Jeff Johnson <jeff@san-dc.com>
 99) [23522] Spice Demo Where???
    by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
100) [23523] Sierra Info
    by Dan Copeland <dcopeland@wwn.net>
101) [23524] keyboard cw
    by ac5ez@webtv.net (Larry B)
102) [23525] WTB: DD-1 Display // 30M Transceiver
    by "Tim Cook" <timcook@erinet.com>
103) [23526] Oops ... Sorry!
    by Jerry Conover <jerry.conover@NAU.EDU>
104) [23527] FOXHUNT 30 OCT
    by Tom Palmer <n1tp@worldnet.att.net>
105) [23528] Re: Good Grief!
    by Roger Hightower <n7kt@earthlink.net>
106) [23529] trade
    by bkobie@webtv.net (patrick obrien)
107) [23530] 11-2-10 project...
    by "Radman" <radman@best.com>
108) [23531] Re: Dashes on right paddle or left?
    by Lars Olsson <sm3avq@ebox.tninet.se>
109) [23532] how to measure SSB power
    by Lisa Osier <osier@northnet.org>
110) [23533] Fox-KU7Y-0100z Tonight!
    by Monte Stark <ku7y@dri.edu>
111) [23534] WTB BYO crystals
    by James Skalski <jskalski@buffnet.net>
112) [23535] Test only, do not open.
    by "C.D. Rakes" <cdrakes@ipa.net>

Date: Thu, 29 Oct 1998 19:04:48 -0500
From: Richard <kt4or@qsl.net>

To: QRP <qrp@qth.net>, QRP I <qrp-l@Lehigh.EDU>
Subject: [23424] Ten-Tec 1320 Mod needed
Message-ID: <363902A0.46CC1165@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm posting this for a friend. Does anybody know of a mod to extend the
RIT on the Ten-Tec 1320 20 meter QRP rig. You can reply to me and I'll
forward to to him.

73 es CUL   Richard KT4OR/QRP

FISTS # 2691 10-X # 68271 Grid EM86th
DXCC, WAC, WAS, 1000 Miles Per Watt: 7 MHz CW #1595

kt4or@qsl.net http://www.qsl.net/kt4or/

DX IS! QRP is TOO!!

Date: Wed, 28 Oct 1998 19:41:24 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [23425] rig FS or trade
Message-ID: <122c5ddb.3637b9b4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;
   I have another rig for sale or trade. This is a Kenwood TS-440sat with
matching P/S. Now this rig does not work. The display lights up and the P/S is
ok but other than that nothing.It is also in rough looking condx. . So...I
don't expect too much for it ...any offers.I like QRP stuff.

                                  72 Les K4NK

Please reply direct   K4NK@aol.com

Date: Thu, 29 Oct 1998 00:47:48 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu

Subject: [23426] Elmer 100 archives?
Message-ID: <3.0.16.19981028225002.0887e172@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are the Elmer100 posts archived somewhere for
reference?

woof,
Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Wed, 28 Oct 1998 19:55:31 EST
From: SNickrand@aol.com
To: qrp-l@lehigh.edu
Subject: [23427] Universal Enclosure
Message-ID: <22186c1b.3637bd03@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Last weekend I picked up a SSB CB for $1 and a Pace base station CB for 4$ (at garage sales. This year I've picked up 5 scanners, 6 CB's, tube tester--all for under $5 each). Both work-but who cares? The CB base has--built in speaker--built in P/S-meter-jacks-etc. Pull out the guts and I've got a great enclosure-roomy enough to fit my 38 special, centenial and soon to be built SW40+ at the same time! Add a rotary switch and....you get the picture. Anyway, for someone who likes to build radios, but hates to make enclosures the concept of this universal enclosure is very attractive. Some of these older CB's are also easily modified for 10m AM. If nothing else, you can get a whole lot of parts for the junk box!   Bill Nickrand KB9KOL

Date: Wed, 28 Oct 1998 20:20:15 -0500
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: <tentec@contesting.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23428] FS: TT KR20-A KEYER $50. SHIPPED
Message-ID: <199810290031.TAA24987@proxyb2-atm.maine.rr.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for reading. I have forsale a very clean KR 20 A electronic keyer
with single paddle. It runs on 12v or 115v equally well.$50. shipped or
more if you wish.   Bill, NT1R

Date: Thu, 29 Oct 1998 00:27:01 -0000
From: "Mike Rioux" <mike@rioux.org>
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23429] RE: General Privileges Without CW Testing
Message-ID: <000e01be02d2$d8ff24a0$0a32a8c0@seabat>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about requiring 50-100 QSL cards verifying a 2 way CW contact?

"The history of liberty is a history of the limitation of governmental
power, not the increase of it." -- Woodrow Wilson
Mike Rioux, W1USN
mike@rioux.org

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> DENNISMO@aol.com
> Sent: Wednesday, October 28, 1998 8:08 PM
> To: Low Power Amateur Radio Discussion
> Subject: General Privileges Without CW Testing
>
>
>
> Hans, K0HB writes:
>
> I said:
>
> >> If a person is on the air using Morse, then I guess that it is
> >> reasonably evident that person is demonstrating Morse knowledge,
> >> even if the speed is 2 or 3 words a minute, and therefore the ITU
> >> requirement is satisfied! The ultimate test of knowledge of Morse
> >> is not some multiple-guess paper test, but the actual on-the-air
> >> use of the skill.

> >>
> >> I applaud the ARRL BoD for "thinking outside the envelope"!
>
> Ed Woodson said:
>
> >So basically what you are saying is that simply the knowledge should
> >allow the use as opposed to a testing requirement. would you also
> >advocate that simply the necessary knowledge should preclude any
> >other testing requirements ???
>
> >Nope, that isn't what I said at all.
>
> >First, the ITU requirements do not call for a formal test, but for
> >demonstrated knowledge -- not just knowledge, but DEMONSTRATED
> >knowledge.
>
> >Actual on-the-air usage is a perfect demonstration of knowledge.
>
>
> >73, de Hans, K0HB
> >Lord High Keeper of the Codes of Morse
> ----------
>
> I guess what I'm concerned about, and it may be unfounded, is who
> will be the
> one to deterime whether the Op has indeed demonstrated
> "knowledge" in his/her
> ability to us CW on-the-air? What if they demonstrate that they
> DO NOT have
> the "knowledge" required to communicate in CW? I suppose we can
> just ignore
> them and move on as we would any other source of QRM. So, my
> point is that
> the ARRL seems to be willing to increase the QRM in the General
> portions of
> the bands. Yes, I know that some, maybe most, of those new to CW will be
> responsible enough to try to learn the code before getting on the
> air. What
> about those that won't? Who will be responsible for cleaning the
> mess up?
>
> I haven't been a ham very long but I have yet to hear a CW op
> that was sending
> so bad that I wasn't willing to answer his CQ. I think if the
> ARRL's proposal
> is adopted, that will change, not just for me, but for a lot of us!
>
> My opinion and a buck will buy you a cup of coffee, but no one

> will probably
> want to sit and have a cup with you. (:8^>).
>
> 72 es God Bless de Denny AD6EZ<><
>

Date: Wed, 28 Oct 1998 20:49:26 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org,
towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [23430] Everything Old is New Again
Message-ID: <Pine.GSO.3.96.981028204235.19132A-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have uploaded a note at my site with the above title in the little history listings of the index. It is a look at a combination October, 1937, set of articles on small loops. Several folks sent me copies, for which I am grateful. I do not have the e-mail address of W6ZH to thank him for his help. Many others offered, and thanks also go to them.

In any event, the early work on small loops (both 1/2 wl and 1 wl circumference)--with a gap for some directional gain--predates much of the work we consider fairly modern.

I hope the little note is useful to someone, if only as a look into antenna work 6 decades ago.

Incidentally, it appears that UTK has officially withdrawn the "funnelweb" version of the site address. So, if you keep records, you might note the new version, which has been in my signature line for a while now.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html

Date: Wed, 28 Oct 1998 17:52:53 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: "Kevin F. Glynn" <kfglynn@prodigy.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23431] Re: FOX: N2TO = ruff!
Message-ID: <Pine.SOL.3.96.981028174704.15650A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Kevin,

Good job in very poor condx!

I see that I am the western most station you worked.
(Unless I missed something!)

You were peaking S1 early in the hunt. I called a time
or two but stopped and waited to see if the sig's would
come up.

With about 30 minutes left I was getting worried! I
couldn't find you or the pile up! It must have taken
about 10 minutes before I heard the hounds firing at
you...

You were there all right. You must have been a solid
S.5 to S1...!!

But I heard something that had a couple of my letters
with a question mark so I fired again, twice. And so
it went. I sent my exchange and you got it and sent
yours.

This was my hardest fox yet! You must have some good
ears!

I hope to hear you tomorrow night....

Thanks for the pelt, cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 28 Oct 1998 21:01:22 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [23432] Top Scores... Surprise!
Message-ID: <29358@w4bkx.ampr.org>

I haven't seen the pages yet, but a friend informed me that my call
made the top scores page in this month's CQ magazine.
I worked the WPX contest a while back, kinda diddling around on
10m QRP Single band.

Worked 54 stations with my IC-740 (mod) at <4w. I took 2nd place
in the USA - he says. I figured it wouldn't hurt to send in a log.
Now it looks like I might get another piece of wallpaper.

Ha-ha what a hoot! I wonder how many Q's the 1st placer had.
Maybe 1 or 2 more and I could'a won the dang thing. But that's
the way I am. Never TOO serious. Gotta have FUN!
GEEZ, this stuff is FUN!

It didn't hurt to have a GOOD ANTENNA and very low-loss feedline
6 elements at 60ft+ and 9913 coax (Poor-man's hardline).

I remember someone saying something like "You don't need that
good stuff on HF." Implying that I was wasting $$. Maybe so, but
I'd rather not waste dBs. My Elmer once said that out of every dollar
spent on your station, 90c on antenna systems is well spent.
I guess this proves it once again.

de Scott / W4PJ QRP-L #1585 (Pres. SFDXA)

Date: Wed, 28 Oct 1998 21:04:46 -0500
From: Dan Puckett <dpuckett@erinet.com>
To: qrp-l@lehigh.edu
Subject: [23433] HTX-100
Message-ID: <3637CD3E.1203A938@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I picked up HTX-100 at a hamfest recently. It didn't come with any
docs. So, can anyone burm a copy of their users manual or even better

their tech manual? I would, of course, chip in some cashola to defray the cost of mail and so on. I did try ordering one from the Shack. But, alas, no joy there.

Thanks much,

Dan WD8AAU

"Bash bits"

Date: Wed, 28 Oct 1998 20:09:35 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: ka8okh@som-uky.campuscw.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23434] Re: Elmer 100 archives?
Message-ID: <3637CE5F.A9164385@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rich Dailey, KA8OKH wrote:
>
> Are the Elmer100 posts archived somewhere for
> reference?

Yes, try this:

http://www.qsl.net/kf4trd/faq.html

Date: Wed, 28 Oct 1998 21:29:18 -0500
From: Ed Tanton <n4xy@att.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Cc: homebrew@qth.net, mgs@avana.net
Subject: [23435] FS: Amplifier foundation
Message-ID: <3.0.5.32.19981028212918.00c223f0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My friend Allen Bond, WB4GNT has a small quantity of RFNE (Removed From New Equipment) Amplifier chassis. They are approx. 17" wide and 5" high. The electronics consists of a single glass-epoxy board with a pair of MRF-466 output transistors driven by two other, similar power transistors. The

circuitry is obviously broadbanded, with 6 crystal can relays. The board is NOT conformal coated, so you can use it as-is (if you figure out the wiring) or remove the components as you desire. IN and OUT are both obvious, and there is an EMI compartment with-count em!-24 feedthru caps WITH hardware. The front panel is die-cast, and 2/3 of it is a 5 x 13 inch heatsink, about 1 inch thick. The MRF-466 is a 40W (out) 28VDC transistor, so this is probably intended to be a 50W amp at MIL ratings. Please contact Allen, not me. The price is: $39.95/each, or $70/pair, or $100 for 3... plus shipping. These are beautiful units, and that's a great price!!! Allen fully guarantees these to be as represented-or $$$ back.

Contact Allen at: (770) 973-6251 or email at: <mgs@avana.net>
73

_____
Ed Tanton   N4XY   EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
_____
INTERESTS: QRP   BoatAnchors   Test Equipment   Photography
CW: 99.9%   Mercury Paddle # 0214   QRP to 150W: 95%
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

Date: Wed, 28 Oct 1998 19:40:58 -0800
From: "Cho" <sungch@earthlink.net>
To: <dpuckett@erinet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23436] Re: HTX-100
Message-ID: <000a01be02ed$f2f50080$fbca2599@sungch.nwlink.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try //www.radioshack.com/support.

-----Original Message-----
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, October 28, 1998 6:09 PM
Subject: HTX-100

>I picked up HTX-100 at a hamfest recently. It didn't come with any
>docs. So, can anyone burm a copy of their users manual or even better
>their tech manual? I would, of course, chip in some cashola to defray
>the cost of mail and so on. I did try ordering one from the Shack.
>But, alas, no joy there.
>
>
>Thanks much,
>
>Dan WD8AAU
>
>"Bash bits"
>

Date: Wed, 28 Oct 1998 18:37:22 -0800
From: "Radman" <radman@best.com>
To: <dpuckett@erinet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23437] Re: HTX-100
Message-ID: <199810290234.SAA24701@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dan,

You can browser over to:
http://www.radioshack.com/Support/ and get the user's
manual on line.

GL & 72 - Conrad - NN6CW

****
I picked up HTX-100 at a hamfest recently. It didn't come
with any
docs. So, can anyone burm a copy of their users manual or
even better
their tech manual? I would, of course, chip in some
cashola to defray
the cost of mail and so on. I did try ordering one from
the Shack.
But, alas, no joy there.

Thanks much,

Dan WD8AAU

Date: Thu, 29 Oct 1998 02:37:25 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: Davewb4@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23438] Re: FIRE-BALL FRATERNITY
Message-ID: <3637D4E5.BD386FDC@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:

This reminded me of a QSO I had back in 1989. I was on 10
meters only then as my ticket allowed SSB only on 160 and 10.
CW on all other bands, but I had home brewed a 5 elem on
a 20 foot boom for 10. I heard two good signals out of the
southern states talking about QRP. As I was into QRP at that time
I joined in. (I had worked DXCC and WAS with 300 watts in less than
6 months that year so was looking for a bit of a challenge.) I
called with a smoking .25 of a watt and was answered. I had a great
time with the two gents, and one of the CW rigs used had a 2n222
as a final.

The two Gents were, K7IRK and WA6YPE.

Thanks for reminding me of a fun afternoon.

Peter
VE6YC (but then VE6NAO) DO21wc

Date: Thu, 29 Oct 1998 02:58:07 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [23439] re: RX Noise bridge article
Message-ID: <3.0.16.19981029015330.301f3424@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have received several messages asking where the
RX noise bridge article is. I'm still writing it up,
although I have been slowed a little lately by other
(read - business) concerns.

I'll post it in chunks here on qrp-l I guess, when it
is finished.

Thanks for your interest. More than I expected
for this relatively dry topic. I hope to make it
somewhat enjoyable.

Thanks,
Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Wed, 28 Oct 1998 21:13:08 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [23440] FOX:Team Scores
Message-ID: <Pine.LNX.3.95.981028210230.3723A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...Team scores after hunt #7 - N2TO - ...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
"QRP! How sweet it is!"

                ****
                The 40 mtr Fox Hunt Team Scores
                ****

...the Kentucky Porch Houndz - 5.000 - hounds -> KA8OKH,NU4N

...the Houston Hounds - 4.400 - hounds -> K5ZTY,W5SB,

...the Vibro-Fox Finders - 4.000 - hound -> KU7Y

...the Fox Nabbers - 3.663 - hound -> K0EVZ,W0CH

...the Underdogs - 3.581 - hound -> N4ROA

...the Brass Pounders - 3.000 - hound -> AB8DF

...the Texas Tarantulas - 2.500 - hound -> N5TW

...the Swords - 2.331 - hounds -> N8VAR,N8VZU

...the Northern Lights - 2.164 hound -> VE5RC

...the Jersey Diddles - 1.366 - these hounds are still hungry

...the Team Apathy - 0.666 - these hounds are still hungry

Date: Wed, 28 Oct 1998 21:50:31 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [23441] RE: [amsat-bb] RS-12/13
Message-ID: <000101be02ef$4757faa0$5a16ebcf@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd like to see mode A too! Or at least mode KT. I don't like
not being able to hear myself.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-AMSAT-BB@amsat.org [mailto:owner-AMSAT-BB@amsat.org]On

> Behalf Of Michael P. Olbrisch
> Sent: Wednesday, October 28, 1998 7:43 PM
> To: _ _AMSAT_ list
> Subject: [amsat-bb] RS-12/13
>
>
> Does anyone know if/when RS-12/13 is/will be in mode A?
> I have 25 states confirmed now... I want the other half hi hi.
>
> --
> Vy73, Mike. KD9KC Army MARS: AAV6EV
> kd9kc@whc.net - - - kd9kc@amsat.org
> http://www.qsl.net/kd9kc/kd9kc.htm

> The farthest West ham in West Texas.
>

It's good to be far from Oklahoma! ;)

> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>

Date: Wed, 28 Oct 1998 22:58:39 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [23442] <<<<<< Sierra /Tuner SOLD>>>>>
Message-ID: <025a01be02f0$69d92e40$c1785acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who replied, the first in line bought both items....
Thanks again.....
Tim
NZ8J

Date: Wed, 28 Oct 1998 23:01:14 -0500
From: olyellr@iglou.com
To: qrp-l@lehigh.edu
Subject: [23443] From: [QRP] New qrp'er needs advice
Message-ID: <3.0.5.32.19981028230114.008dc900@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Saw this on the QRP reflector and thought some of us might give him a hand
with some advice.

Obviously replies need to be DIRECT and not to this list.......since he
didn't post here he evudently isn't subscribed, but I'll send him the info.

---------------forward----------------------------------

>From: jtennant@sbccom.com (Jacob Tennant)
>To: <qrp@qth.net>
>Subject: [QRP] New qrp'er needs advice
>Date: Wed, 28 Oct 1998 22:21:15 -0500
>Reply-To: jtennant@sbccom.com (Jacob Tennant)
>
>Hello,
>
>I am about to finally pass my Tech-Plus code exam, (I HOPE) and have found
>myself drawn towards QRP operation due to low cost equpt, low profile
>antenna system, something out-of-the-ordinary.
>
>Have been looking at the QRP CW rigs offered by MFJ and TEN-TEC.
>
>Any other suggestions will be appreciated.
>
>73's KB8QIR
>
>---
>Submissions qrp@qth.net
---------------------------------end forward---------------------

Thanks es 72/3,
Mike L.

==================================
de AF4LQ
FISTS #4139   QRP-L #1395
99% CW OP...for the pure JOY of it.
http://members.iglou.com/olyellr/

Date: Wed, 28 Oct 1998 22:14:16 -0600
From: Bill Wyatt <bwyatt@onenet.net>
To: qrp-l@Lehigh.EDU
Subject: [23444] Parts for a HW-8
Message-ID: <3637EB98.366F13AA@onenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone,

I just joined the group and so far have enjoyed
all the posts, some good info. floating around and
can't wait for the next fox hunt.

Now for the real reason I'm posting this. I have
a HW-8 with all the mods. that I picked up at a
hamfest last summer. It was in a basket and parts
of it still are.

I've been able to get most of it working however,
the fellow that had it wanted a different tuning
cap. He put in one that does not fit in the rf
shielded box nor does it have the trimmer cap..
He was trying to make things better but, I would
like to return it to original.

Can anyone help me with these items. The var.
cap. and trimmer are a must and the pc board rf
shield would be a big plus. The one I have is in
pretty bad condition. I may have to make a new on
which is doable just more work.

Thanks for reading this and I hope to be of help
to some of you soon.

Bill N5WO
--

Think for yourself, or someone else will think for
you.
Follow your dreams, or you'll spend your time and
effort
in the service of someone else's dream. Discipline

yourself,
or you'll eventually need to be disciplined by
others.

Date: Wed, 28 Oct 1998 22:34:19 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [23445] Trade
Message-ID: <16669-3637F04B-4733@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

I have a Radio Shack 2m amplifier . 1/2 to 5 watts in and 30 watts
out.Perfect condx. With mobile bracket. Would like to trade for some
paddles (single or double).
K1zw

Date: Thu, 29 Oct 1998 01:33:16 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp mailing list <qrp-l@lehigh.edu>
Subject: [23446] zombie cq ....
Message-ID: <3637C5DC.102281E4@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about cqz ....?

walt k8cv

Date: Thu, 29 Oct 1998 01:43:45 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp mailing list <qrp-l@lehigh.edu>
Subject: [23447] for sale 38 special
Message-ID: <3637C851.11259323@ameritech.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi ....

I have a 38 special built and in a tentec box, works but not great for
$35 + $3 shipping

Walt k8cv   walt-k8cv@juno.com

Date: Wed, 28 Oct 1998 21:41:45 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [23448] Fox 0100z-0300z Today (Thursday)
Message-ID: <Pine.SOL.3.96.981028213503.19240C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Reminder....

I'll be the Fox tonight. 0100z to 0300z 30 Oct.

That's Thursday eve local time.

I will try to be as close to 7038 as I can, but
look for me where ever I can find a "hole" for
everyone to spread out in!

Last night I heard good sig's from places like
MN, MI, IN, NC, MO, KY, FL, TX, AZ, AR, CO, CA
and a non QRPer from ID who was 20 over 9!

I'll be using the RIT on the up side most of the
time but will listen on my frequency also. So if
you can't move up a bit don't worry, I'll still
find you.

I hope to put you ALL in the log! Good luck,

cul,

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Oct 1998 00:59:05 -0500
From: n1wcc@juno.com (Arol B Hill)
To: qrp-l@lehigh.edu
Subject: [23449] FS QRP RIGS/MISC
Message-ID: <19981029.010637.3982.1.n1wcc@juno.com>

This list is incredible, have had so many requests for the brown brothers paddles thati cannot possibly answer them all. Have chosen the buyers by the order in which the responses have come in..
Spoken for so far.

Brown brothers paddles
sprint ll
ohr keyer
mfj code tutor
ten-tec swr meter
rainbow tuner

Still Avaiable

1. Ohr Explorer 40 meter
    works great $75.00 shipped

2.A&A engineering (gary breeed) 30 meter
   finished but not aligned yet $60.00 shipped

5.Radio shack freq counter $45.00 shipped

10. Jade products iambic keyer
    mounted in small plastic radio shack enclosure.. $25.00 shipped

all above items shipped to conus , postal money orders appreciated.
72's
Arol n1wcc
n1wcc@juno.com

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 01:08:47 -0500
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23450] Re: HTX-100
Message-ID: <3638066F.F79653A4@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the www.ratshack suggestions. My only gripe with the on-line
manuals is there are no pictures, like schematics and such.

Dan WD8AAU

Bash Bits

Date: Wed, 28 Oct 1998 23:42:15 -0500
From: "cdd" <cdd@bellatlantic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23451] ****FS: New OHR500/keyer & DD-1****
Message-ID: <001e01be02f6$822f4960$477bc997@curt>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 Due to an unexpected situation at work my plans to build this new Oak Hills
500 rig and display are crushed! So if anyone out there is considering the
new Oak Hills Research 500 with keyer and DD-1, it's here for the taking
untouched and waiting to be assembled for $450 shipped 48 states, extra
shipping costs anywhere else.
"Package ONLY please"

     Curt
     K3ivb
     QRP-L #433

Date: Thu, 29 Oct 1998 00:48:30 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [23452] Reminder: 10K 10-Turn Pot Group Buy
Message-ID: <19981029074830.6929.qmail@hotmail.com>
Content-Type: text/plain

Hello QRP-L,

We've made great progress in preparation for the 10K 10-turn pot group buy and the deadline is almost here, but I still haven't received payment from about 40 of you. Remember I need these by next week (November 7th) so you can get in on the group buy!

I've sent out e-mails to all those from whom I have not received payment. If you didn't get that e-mail, were on the list, and haven't sent me your order, this is your reminder (and let me know because maybe I messed up entering your e-mail into my Excel spreadsheet :-)

I've included the announcement once again below (this will be the last time I post it). There's still time if you have yet to join in, but time is fast running out. Be sure to drop me some e-mail and let me know you're sending a payment.

Thanks again for the bandwidth!

de Jerry W0MC QTH Fort Collins, CO
w0mc@hotmail.com QRP-L #800

(And now, making it's final appearance, the group buy announcement... :-)

Our group buy price is $7.00 per pot + $3 Priority Mail shipping. For those who ordered a single pot, I will accept $2.00 shipping to send it first class instead. It looks like $4.00 US will cover orders sent to Canada via priority mail.

This is a nice price break on these pots -- they are otherwise $11.50 each plus shipping from Mouser, so even those buying a single pot can save around $3.

I'd like to place the order the first week in November, so the deadline

for payment will be November 7th. I'll get the order in ASAP thereafter.

!! Now, here now are your instructions for completing your order: !!

1) Include a self-addressed mailing label please!

2) Calculate the amount you should send me. If you can, include the order form below or some other reasonable facsimile (either print this or write it on paper or a QSL card, anything is fine).

---------- 8< cut here 8< ----------

Name and Callsign: _____

Quantity: _____ x $7.00 = $_____

+

Shipping: $ 3 . 0 0

(Single pots can send $2.00,
Canada, please include $4.00)

=

Total: $_____

---------- 8< cut here 8< ----------

3) Please send a check or money order in US Funds payable to Jerry McCollom. I cannot accepts checks made out to Norcal.

4) Put the mailing label, order form, and payment in an envelope and mail it to:

Jerry McCollom, W0MC
1442 Silk Oak Drive
Fort Collins, CO 80525

I'll e-mail out an individual confirmation when I receive your payment. It's still not too late to join in, just drop an order in the mail. (Send me some e-mail too at w0mc@hotmail.com so I know it's coming.)

Don't forget, I need all payments on or before November 7th!

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 29 Oct 1998 03:58:45 -0500
From: n3fel@juno.com (Howard D Rubin)
To: SNickrand@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [23453] Re: Universal Enclosure
Message-ID: <19981029.040602.8902.0.n3fel@juno.com>

Bill,

Not to mention the RF connector and the rotary switch (channel selector)
already mounted on CB rigs. Great idea.

Howard

On Wed, 28 Oct 1998 19:55:31 EST SNickrand@aol.com writes:
>Last weekend I picked up a SSB CB for $1 and a Pace base station CB
>for 4$
>(at garage sales. This year I've picked up 5 scanners, 6 CB's, tube
>tester--all for under $5 each). Both work-but who cares? The CB base
>has--built in speaker--built in P/S-meter-jacks-etc. Pull out the
>guts and
>I've got a great enclosure-roomy enough to fit my 38 special,
>centenial and
>soon to be built SW40+ at the same time! Add a rotary switch
>and....you get
>the picture. Anyway, for someone who likes to build radios, but hates
>to make
>enclosures the concept of this universal enclosure is very attractive.
> Some
>of these older CB's are also easily modified for 10m AM. If nothing
>else, you
>can get a whole lot of parts for the junk box!   Bill Nickrand KB9KOL
>

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Oct 1998 10:31:34 +0100

From: Lars Olsson <sm3avq@ebox.tninet.se>
To: qrp-l@Lehigh.EDU
Subject: [23454] Re: Keyer (CMOS III)
Message-ID: <3636E476.4621@ebox.tninet.se>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hello Conrad and all QRP:ers,
I am an even bigger fan of the CMOS Super Keyer, hi.
I have built several of all 3 versions and have also described it in the Swedish Ham Radio Magazine "QTC". Many Swedish hams are now using it.
I am surprised that not all of the US hams are using this keyer. Don t you read the QST, hi. It is simply the best.
Just one advise. Use good quality momentary contact memory switches, othervise you can have problems with double bounces.
Order the kit and put on your solder iron boys!
73 from Lars / SM3AVQ
CMOS Super Keyer III to the Mercury paddle # 287

P.S. Conrad, I suppose you have had it on without a breaker in the powerline.

Date: Thu, 29 Oct 1998 05:06:28 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>, W7LS <w7ls@blarg.net>
Cc: qrp-l@Lehigh.EDU
Subject: [23455] Matched Zip-Cord Antenna
Message-ID: <3.0.1.32.19981029050628.0068d60c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Charlie and All,

Thanks for the info. Nice to see that my brute force method was in the ball park 8^)...

I've been experimenting with toroidal matching transformers using the 120 ohm Z zip-cord. Can you model a 14 MHz antenna using 50 ft of cord and a matching transformer with about 1 dB insertion loss? I would be using a ZM-2 ATU in the system too.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Thu, 29 Oct 1998 04:51:35 -0800 (PST)
From: Mike Parkes <ab7ru@yahoo.com>
To: QRP List QRP <qrp-l@Lehigh.EDU>
Subject: [23456] Dashes on right paddle or left?
Message-ID: <19981029125135.2385.rocketmail@send1b.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Is the "conventional" orientation for paddles to have the dashes on
the right paddle and dots on left or vice versa? I use mine the former
way but am curious if thats how others are setting their's up...
==
Michael Parkes AB7RU

____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 29 Oct 1998 13:13:21
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [23457] Re: Dashes on right paddle or left?
Message-ID: <199810291313.HAA21349@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike:

Seem like the way to go is to "Thumb for dits", soooo depending on
whether you key right or left handed.....

Chuck, K5FO, asked this question as part of a survey some time back
as I recall.....

Larry KA5T

Date: Thu, 29 Oct 1998 08:28:59 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [23458] Heath Kit DX100 manual needed
Message-ID: <3.0.5.32.19981029082859.007f0100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There's an older Ham in our area who has a DX100 and wants to fix it up for putting on the air. However, he can't find the manual. DOes anyone have one they would be willing to send him? He'll pay for the copying and postal charges or manual. If you have this item, please send me a msg at whowell@mail.hq.nasa.gov
with price. I'll let him know what you have at what price.

tnx es 72/73 de Scott/n3byy
Laurel MD

Date: Thu, 29 Oct 1998 08:35:16 -0400
From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
To: QRP-L@lehigh.edu
Subject: [23459] Re: HTX-100
Message-ID: <36386104.B74DE6C@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I dont know if you tried this, but I ordered one through there
1-800 number. I think its 1-800-THE SHACK.

Date: Thu, 29 Oct 1998 07:34:39 -0600
From: crc <crc@io.com>
To: n1tp@worldnet.att.net
Cc: QRP-L@Lehigh.EDU
Subject: [23460] Re: FOX QRM?
Message-ID: <36386EEF.55E1@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom Palmer wrote:

>
> Alan and the group: Recently there has been QRM intentionally interfering with
> the FOXHUNTS, including people sending "QRL?" over and over again.
> ARDUJENSKI@aol.com wrote:
>
> > For the past 3 foxes, there have been two QRO stations that move in on top of
> > the FOX hunt and sit there for about an hour.
> > wondering if any of you other folks experience the same problem or if it must
> > be some local operators?
> >
> > Alan KB7MBI
Why not have a 2 part fox hunt, first the normal fox hunt the second
part a coordinated triangulation of any intentional QRM coordinated thru
qrp-l and phone.If we know who they are we might be able to speak to
them convincingly of the improprity of their deeds.
charlie WA5KRF A-QRP#X QRP-L#1207

Date: Thu, 29 Oct 1998 07:51:16 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: FrConrad@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23461] Re: What Makes it "Iambic"
Message-ID: <3.0.1.32.19981029075116.0069d41c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Absolutely great -- best description ever I think...

>An "Iambic" device is one, mechanical or electrical (or linguistic), that
can produce BY ANY MEANS, an alternating string of dots and dashes-

>The list has been a little droll,
>With long threads unrelenting.
>There are, it seems, persistent few,
>Verbose and unrepenting.

Liked the iambic peanut too.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Thu, 29 Oct 1998 09:06:11 -0500
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23462] Tokyo HyPower reflector

Message-ID: <000401be0345$4871d900$9e512581@gallifrey>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,

I really enjoyed reading Dennis' description on the reflector of his beachfront operation with his HT-750. For some reason I can't get into the members only portion of the ARRL site, but I've e-mailed the good folks at the League and I really look forward to reading the whole article in a day or two.

As some of you might remember, I posted about getting an HT-750 of my own, which has to be the absolute best ham radio purchase I have ever made. There are a couple of not-so-great pictures of me operating the rig at Hemlock Bluffs (a wildlife refuge near Cary, NC)on the radio page of my web site. I'll be operating from Falls Lake (near Creedmoor, NC) this Saturday on 6 and 15 meters with it. It really is the perfect rig for portable QRP operation.

When I posted about the HT-750 the last time I got a ton of e-mail form folks who were curious about it, wanting to know how to get one, wanting to know how I got one (Dumb luck, really), wanting to know how I liked it, and so on... This rig really seems to capture the imagination of QRP and 6 meter operators.

Anyway, the HT-750 is one of three pieces of Tokyo HyPower equipment I own. It struck me that most manufacturers have a reflector to discuss everything from technical issues to buying and selling to operating anecdotes, but not THP, so... I started one.

Anyone is welcome to subscribe. The list will cover both equipment marketed under Tokyo HyPower's name and OEM equipment manufactured by THP (such as the monobanders sold first by Amp Supply and then by Kantronics). Who knows, maybe those who want to buy an HT-750 (which is still in production), or any of THP's other current models, can arrange a group purchase.

If you'd like to subscribe, please go to the following URL:

http://www.onelist.com/subscribe.cgi/thp

It should be a unique discussion.

Thanks, 72, and 73,
Cait

KU4QD

Caitlyn M. Martin cait.martin@ibm.net
http://www.caitys-world.com

"Good grief, man! It's as simple as
Einstein's special theory of relativity!"
-Dr. Who, as portrayed by Jon Pertwee

Date: Thu, 29 Oct 1998 09:31:31 -0500
From: "GREGORY HEATH" <KB2QQM@email.msn.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>
Subject: [23463] 44-MAGNUM????
Message-ID: <0325f2834141da8UPIMSSMTPUSR04@email.msn.com>

Hi....anybody heard when the new 44 magnum will be out? I went to the website and it was dated 9/12. I just wondered if anybody knows a price and any new info on the rig. I also was cruising around this morning and saw the OHR multiband kit....the 5 bander. I would love to get my hands on one of those! I must say....I really enjoy building almost more than operating. Today is the day that I start to build my White Mountain-20...the 20 Meter SSB/QRP transceiver. I am going to run the little rig, while mobile ssb. I will use a 20 meter Valor hamstick, and operate in between Albany and Utica, NY. I cant wait to get the little rig on the air... It reminds me, when I was driving back and forth to work, between the two cities and I had my Ten-Tec Scout in the car with the Outbacker....and set its pwr out at 8 watts. I busted a pileup...into Morocco. That was over 2 years ago...and I remember the Moroccan station coming back....with a question.....
 "QRP MOBILE??????....EVERYBODY BE QUIET....I HAVE TO WORK THE QRP MOBILE STATION.....GO AHEAD".... What a joy.....silence and then I worked him....and then utter chaos.....as all the call signs started flying..... It was so funny.....all these kilowatt stations slamming each other.....and screaming into their microphones...overdriving their amps to get that extra watt over the other guy/gal.... and Im just cruising along with my sunroof down in upstate NY.....on a beautiful day, as the sun was going down,,,,and casually call with my 8 watts.....and BANG.....what perfection..... I was truly hooked after that.
thanks for listening. Greg kb2qqm

Date: Thu, 29 Oct 1998 09:43:39 -0500
From: n1wcc@juno.com (Arol B Hill)
To: qrp-l@lehigh.edu
Subject: [23464] FS QRP RIGS/MISC
Message-ID: <19981029.094341.3918.3.n1wcc@juno.com>

Many thanks to all so far
Jade keyer is spoken for, items left are

1. Ohr Explorer 40 meter
    works great $75.00 shipped   conus

2.A&A engineering (gary breeed) 30 meter
   finished but not aligned yet $60.00 shipped conus

5.Radio shack freq counter $45.00 shipped conus

Arol n1wcc

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 8:57 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Stephen c Stuntz" <n0bfqrp@juno.com>, "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Subject: [23465] RE: FCC license adress change
Message-ID: <8C1FDDC7@optelinc.com>

If you've moved your station or correspondence
address, you need to file an address change (on paper,
I believe) with the FCC.

For "callbook look-up" purposes (such as the QRZ
directory on the WWWeb), you can update it directly,
on-line, with the QRZ folks...

Karl K. - W8TIF
McKinney, Texas

From: Stephen c Stuntz
To: Low Power Amateur Radio Discussion
Subject: FCC license adress change
Date: Wednesday, October 28, 1998 11:10AM

How can I change my license adress on the web? I tried the
http:/www.fcc.gov/wtb/uls/ page without any success.

Thanks.......

Stephen Stuntz N0BF

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 07:10:50 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU, ab7ru@yahoo.com
Subject: [23466] Re: Dashes on right paddle or left?
Message-ID: <19981029151052.28886.qmail@hotmail.com>
Content-Type: text/plain

Most folks make dits with the thumb and dahs with the pointer finger.
Left or right orientation depends on whether you key with your left or
right hand. My wife Margaret, KD7CEL, a new novice, uses ONLY a keyer.
She's never practiced with a straight key. She's pretty sassy with it,
too! Good luck. Bruce Prior N7RR / VE7HR

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 29 Oct 1998 09:11:49 -0600
From: Bob Reynolds <breynold@sigg.com>
To: KB2QQM@email.msn.com, qrp-l@Lehigh.EDU
Subject: [23467] 44-MAGNUM???? -Reply
Message-ID: <98Oct29.091131cst.26904@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>...anybody heard when the new 44

>magnum will be out?

I got my 44 MAGNUM in 1964, thanks to Bill
Ruger. Used it to remove the high
frequency response from my left ear!

73, Red K5VOL

Date: Thu, 29 Oct 1998 08:05:10 -0700
From: Brian Kassel <bkassel@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [23468] Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <36388426.11307653@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

  I vote for "CQ BOO". Maybe I'm too late with
my vote, and this has become a "dead" issue?

Yea, I know.

Brian W5VBO
AZ ScQRPions

Date: Thu, 29 Oct 1998 09:19:04 -0600
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [23469] RE: Dashes on right paddle or left?
Message-ID: <000401be034f$77eb6d90$d8016f81@muenzlerk.uthscsa.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I've never really liked paddle keyers. I guess it is
from the time of those blasted "bugs." Most sent the
most awful CW and were hard to control at high speeds.
It seemed like they wanted to jump off the table. But
they you didn't get that carpal tunnel thing either....
But then one of my rigs is older than I am. ;)

Kevin, WB5RUE

Leeniers? We dunt need no steenking leeniers!

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Bruce Prior
> Sent: Thursday, October 29, 1998 9:11 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Dashes on right paddle or left?
>
>
>
> Most folks make dits with the thumb and dahs with the pointer finger.
> Left or right orientation depends on whether you key with
> your left or
> right hand. My wife Margaret, KD7CEL, a new novice, uses ONLY
> a keyer.
> She's never practiced with a straight key. She's pretty
> sassy with it,
> too! Good luck. Bruce Prior N7RR / VE7HR
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>

Date: Thu, 29 Oct 1998 15:26:33 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <crc@io.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23470] Re: FOX QRM?
Message-ID: <005101be0350$8615df80$c642b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks:

There has been quite a few threads concerning Fox qrm. The thing qrmers are looking for is ATTENTION. These folks are bored, so they occupy themselves by making others miserable. The only way to treat this is to completely IGNORE them. This deprives them of the one thing they are seeking, ATTENTION. They obviously subscribe to this list because they know when and

where the fox is at. Thus, by complaining here, you are giving them what they want. The best way to handle them is to say nothing and act as though they don't exist. They will soon get bored because they aren't getting the attention they want. These folks have plagued dxpeditions and dxers for years and the more you complain the more they interfere. They are not deterred by comments about triangulation and such. They don't worry about the FCC because the FCC is busy with more important matters.

So, please, just ignore them and once they are bored through the lack of attention, they'll go bother someone else. But, complaining here just encourages them to keep it up.

I'm not trying to be a list policeman and obviously you can write what you want to the list. Its just that some of us has had experience with these people in the past.

JM2CW

de Steve, W8SFF

Date: Thu, 29 Oct 1998 10:36:59 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [23471] QST Product Review Test Results Available
Message-ID: <36388B9B.7DDF@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello, Fellow QRPers,

Well, you heard it here first! I have submitted the following to the QRP Quarterly for consideration for the "Idea Exchange," as a followup to a thread in the last issue. With the permission of the column editor, I am posting it here, too.

To cut to the chase, the URLs at the end of this message tell you how to downnload QST Product Reviews, additional test results we are now publishing on the Web version of Product Reviews and the complete ARRL Test Procedures manual, all now published on the ARRL Member Web pages.

I will add to my colleagues on this forum that this is being done in response to the thread that first appeared here and was published in the Quarterly. Fortunately, I read both of them, although when the thread

first appeared, I was a bit too tied up to respond in detail.

72 from ARRL HQ,
Ed Hare, W1RFI
ARRL Lab

Dear Editor:

I read with interest the piece about spectral-purity measurements in the October, 1998 "Idea Exchange." Let me offer some additional information about the way the ARRL Lab tests and reports on items in the QST "Product Review" column.

Most Product Reviews do not contain published graphs of overall spurious emissions. The ARRL Lab does, however, perform extensive testing of radios for Product Review, including a measurement of spurious emissions on all bands. Several years ago, we used to routinely publish such spurious-emissions test result plots, but determined that, in most cases, these data were pretty "boring," showing very little more than what could be described numerically in the test-result table. An example of a recent spurious-emissions graph is show in Figure 1.

<sorry -- graphic not available for email. It shows a routine spurious emissions result.>

In virtually every case, commercially manufactured transmitters, including QRP transmitters, meet FCC spurious-emissions limits. These are generally adequate to protect against harmful interference, so the absolute value of spurious emissions is generally not a major consideration for typical purchasers. For example, for an HF transmitter running more than 5 W output, the FCC regulations require that spurious emissions be attenuated at least 40 dB. For a 100-watt transmitter, no spurious signal can be greater than 10 milliwatts. For a 5 W HF transmitter, spurious emissions must be attenuated 30 dB, to 5 milliwatts or less. Although I have worked 30 states with 10 milliwatts, it is very unlikely that such a signal would cause harmful interference to other users on HF. It is, in my opinion, also unlikely that many people would base their purchase decisions on whether a transmitter had 5 milliwatts vs 0.5 milliwatts of spurious emissions. Generally, knowing that the unit is FCC legal is generally enough; in other cases, the "worst-case" result in the Product Review test-result table gives sufficient information.

Not publishing spurious-emissions results allowed us to devote more page space to what most hams DO want -- more discussion about the features of the unit being reviewed. We do make exceptions; the August issue of QST

included a "full" spurious-emissions plot of the FT-847 because there were a lot of mixing-product spurs at or near -40 dBc. We felt that this plot conveyed important information that would not be well summarized in either the entry in the test-result table or in an explanation in the article text. This is shown in Figure 2.

<graphic not available by email>

We do publish the worst-case plots on transmit-composite-noise and transmit IMD tests. These are performance criteria that are often important to a purchase decision, and subtle differences in the results can have a big difference on a unit's performance. This is best presented as a graph because the results are generally complex enough that they cannot be easily numerically summarized. For example, the caption for transmit IMD results summarizes the 3rd- and 5th-order products, but the graphical information about the higher-order products tells you whether the transmitter will splatter up and down the band.

Perhaps some of the confusion comes from the fact that we (correctly in my opinion) call the transmit IMD and composite-noise plots "spectral displays." The captions define the type of test performed and the frequency range over which the measurement was taken. (I have, and will, consider any ways we could change the captions to help reduce any misinterpretation of the results, however.)

Of course, my colleagues in the QRP community are certainly not typical hams (and darn proud of it!), so they are generally more interested in technical test results than "average" hams. The ARRL Lab tests spurious emissions and transmit IMD on all bands, and composite noise on 80 M and 20 M for multiband rigs. Although we can't devote the printed page space to publish all of these results, we have offered an "Expanded Test Result Report" for many of the big-ticket radios we have tested (and will continue to do so). These have been available in print from the ARRL Technical Department Secretary ($7.50 for ARRL Members).

But don't spend your money yet! The ARRL members-only Web page (http://www.arrl.org/members-only/) features a reprint of all ARRL "Product Reviews" since January, 1990. (We are working on earlier years.) The "Expanded Reports" are also available for download.

Now for the surprise! In response to what I read in the "Idea Exchange," although we cannot prepare a complete report for all of the radios we test, we are going to publish the full set of spurious emissions, transmit IMD and composite-noise testing as expanded test reports on the Web version of the Product Reviews. These will appear in future reviews and, as we can, we will add them to some of the past reviews, as well (we will consider requests!). We have just published the additional graphs for the Ten Tec Model 1340 from the September,

1998 QST and for the SGC SG-2020 from the October, 1998 QST. Go to URL http://www.arrl.org/members-only/prodrev/ to download the Product Review articles and expanded-report graphs!

We have added one more bonus -- the ARRL Laboratory has published the "ARRL Laboratory Test Procedures Manual," describing the specific methods we use to perform transmitter and receiver tests in the ARRL Lab! Although it is specific to our test equipment, I think that many will find it interesting. It, too, is published on the ARRL members Web page at http://www.arrl.org/members-only/prodrev/testproc.pdf.

I trust that our offering these test results and documentation of our test procedures through our Web page will be of value to our members and will help everyone understand more about ARRL's Product Review procedures.

72 from ARRL HQ, Ed Hare, W1RFI, ARRL Laboratory Supervisor, w1rfi@arrl.org.

Note: To check into the ARRL members-only web site, go to http://www.arrl.org/members-only/. Have your ARRL membership ID #, from your QST mailing label, available the first time you check in. You can then assign yourself a password for future use. And, let us know what you think of the site!

Date: Thu, 29 Oct 1998 07:41:56 -0800 (PST)
From: frank lauri <qrpp@yahoo.com>
To: n7rr@hotmail.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23472] Re: Dashes on right paddle or left?
Message-ID: <19981029154156.18146.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,

I am left handed and use a single paddle key (usually).

I send DITS with my pointing finger and DAHS with my thumb...whether this is traditionally correct...I don't know but it works for me.

Frank n2ix

---Bruce Prior <n7rr@hotmail.com> wrote:
>
>
> Most folks make dits with the thumb and dahs with the pointer finger.
> Left or right orientation depends on whether you key with your left
or
> right hand. My wife Margaret, KD7CEL, a new novice, uses ONLY a
keyer.
> She's never practiced with a straight key. She's pretty sassy with
it,
> too! Good luck. Bruce Prior N7RR / VE7HR
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>

____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 29 Oct 1998 07:42:03 -0800 (PST)
From: frank lauri <qrpp@yahoo.com>
To: KB2QQM@email.msn.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23473] Re: 44-MAGNUM????
Message-ID: <19981029154203.28734.rocketmail@send1d.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greg,

Sounds like you make up for my not really building much.However...I do
enjoy operating all types of radios;new old,kit rigs,experimental
rigs...etc.

Everyone has their speciality...thats the beauty of HAM radio.

Frank n2ix

---GREGORY HEATH <KB2QQM@email.msn.com> wrote:
>
> Hi....anybody heard when the new 44 magnum will be out? I went to the
> website and it was dated 9/12. I just wondered if anybody knows a
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> any new info on the rig. I also was cruising around this morning

and saw
> the OHR multiband kit....the 5 bander. I would love to get my hands
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> of those! I must say....I really enjoy building almost more than
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> Today is the day that I start to build my White Mountain-20...the 20
Meter
> SSB/QRP transceiver. I am going to run the little rig, while mobile
ssb.
> I will use a 20 meter Valor hamstick, and operate in between Albany
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> my Ten-Tec Scout in the car with the Outbacker....and set its pwr
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> watts.   I busted a pileup...into Morocco. That was over 2 years
ago...and
> I remember the Moroccan station coming back....with a question.....
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MOBILE
> STATION.....GO AHEAD"....   What a joy.....silence and then I worked
> him....and then utter chaos.....as all the call signs started
flying......
> It was so funny.....all these kilowatt stations slamming each
other.....and
> screaming into their microphones...overdriving their amps to get
that extra
> watt over the other guy/gal.... and Im just cruising along with my
sunroof
> down in upstate NY.....on a beautiful day, as the sun was going
down,,,,and
> casually call with my 8 watts.....and BANG.....what perfection.....
I was
> truly hooked after that.
> thanks for listening. Greg kb2qqm
>
>
>
>

DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 29 Oct 98 10:21:13 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [23474] Elmer200: Lab 1 [long]
Message-ID: <199810291621.LAA84494@nss4.cc.Lehigh.EDU>

Laboratory Assignment #1

Study of RF Probes

PURPOSE: To build one or more RF probes to be used later for probing and testing OSC circuits. Besides these things are handy to have around the shack.

MATERIALS: Si and Ge diodes
Perfboard or PC board for building on
Capacitors in range of 0.01uF or higher
DVM
RF source under 1W and variable output if possible. I'll be using a NE4040.

READING: Some knowledge in Chapter 6 of the Handbook on AC Theory and Reactive Components. Do know the terms V(rms), V(p-p), and how to calculate one from the other and calculate power and dBm levels. See Paul Harden's book APPENDIX: Power Ratios. Which voltage is he referencing? Gotcha Paul. :-)

The PN Semiconductor Junction pages 8.12-8.14, 8.17, 10.6-10.8, 10.10-10.14, 26.8-26.11 (for the RF probe materials) from the ARRL Handbook.

I have gotten email asking me to please please list the chapter titles etc. to allow those with older Handbooks to follow along. Sorry, but I seriously believe the investment in a new Handbook is a must. The thing has been redone and more up to date. This course is gonna be long enough as it is and the extra time is an issue for me. I wish I was getting a commision from the ARRL, but I'm not. :-)

ADVANCED READING:

If you have in your library "QRP Classics" then go to

the excellent article by Roy Lewallen, W7EL, on page 217 on "A Simple and Accurate QRP Directional Wattmeter" from the February 1990 QST. Look at the work he put into it and just how much physics is involved in this hobby if you want to get into it big time.

EXPERIMENT.

Build up an RF probe using 1N4148 or equivalent Si diodes. I will show results using the voltage doubler circuit on page 26.9 of the Handbook Figure 26.9(C), but remove R1 and R2. This will be a peak reading probe.

Dave Benson, NN1G, provides a small scrap piece of PC board material about 2.5cm square with the Small Wonder Labs rigs to build up the same circuit shown here to test for RF for those that might not have a scope. OHR builds in a 1N34 detector for alignment and others do so also. RF probes are your friends. And they don't have to be expensive or fancy to work.

If you have the resources, do the same thing using Ge diodes. If you have to make a decision, go with the Ge probe as it will be more sensitive and we need that for later lab work. Radio Shack has the 1N34A-type Ge diodes in a pack of 10 for $1.19 and the part number is 276-1123 in the latest catalog. Search the web or other parts suppliers if you don't have any in your parts boxes or a find a friend who will trade you for two.

Here is the schematic in SPICE like node format.

RFP#1

```
NODE 1  RF Input
NODE 0  Gnd
C1  1  2  0.01uF
D1  0  2  1N4148 Si Diode  anode->cathode from 0 to 2
D2  2  3  1N4148 Si Diode
C2  0  3  0.01uF
NODE 3  To DVM, VTVM, etc.
```

RFP#2 same as #1 except use 1N34 or 1N270 Ge diodes

Use this probe to make some measurements for known RF voltages, if possible. If you don't have all the equipment or resources to calibrate, don't worry. We'll give you some values later on.

I use the NE4040 into a 50 ohm non-reactive load and vary

the output. Also used a OHR WM-1 wattmeter, HP 410C VTVM, Tek 475 O-scope, and Tek RF generator for comparative analysis. This recommended for those with more advanced equipment to also play along with. What I call Advanced Lab(s) and high dollar toy time. :-) I use the NE4040 to keep the power levels under 1W. If you use a QRO rig, then be very very careful. You will fry the diodes PDQ if you are not careful. :-) That outta tell you something right there.....;-)

Questions:

1. Do you have several DVMs? What do they register for the same conditions of RF and probe position?

2. What happens if you take out D1?

3. At what RF input do you think you will kill D1? Just think, don't do it. :-)

Advanced Experimentation.

4. Do the calculations on the output as a function of RF frequency. Show the RC decay of the output vs input waveform for a sine wave. What if the output is not a pure sine wave and has harmonic components?

5. What do different values of C1 and C2 do?

6. How does packaging effect results? I have thought about, but not tried yet using some brass tubing to enclose a small probe. I just discovered this week that hot glue does have some conduction properties..... !!!!

7. If we use this later to test circuits that do not have a high output voltage and low isolation, how will this effect what we are measuring? We will come back to this issue in the next series of lab experiments.

I'm sure that I will get email later on some of the results. :-) But be very careful. I really don't want to hear horrow stories (even though this is near Halloween of 1998) of lost equipment and parts due to errors. It is to be expected, but try to minimize the expense of your education. Those of us that do this kind of stuff have fried many a critter on the workbench. Just make sure that you aren't using a $100 rig to protect at $0.15 diode. Been there and

done that. If you have questions ask. I may not word things in detail and forget something that I think is obvious.

You'll find that I am more Socratic, i.e. I ask questions about labs more than just give answers and results, in order for you to learn more. We all remember the hard lessons in life and our mistakes more than we remember the easy material IMHO. Besides, you might teach me something. I certainly do not know everything and I learn something new each day. It's more fun that way.

I'll post my results and outcomes in two weeks or so in order to give you time to get around to doing the lab work if interested. I don't want you to feel rushed into doing this.

Make this fun and educational. I want each of you to do these series then go to your local club or start one up and do the labs over again with YOUR students and pass it on. Work with kids and adults alike.

OK, fire up the soldering iron and build away. Follow all safety rules. I want you back for the next lab.

--
Chuck Adams K5FO adams@ticnet.com CP-60
http://www.ticnet.com/k5fo

Date: Thu, 29 Oct 1998 11:10:02 -0500
From: "cdd" <cdd@bellatlantic.net>
To: <qrpp@yahoo.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23475] Re: Dashes on right paddle or left?
Message-ID: <003f01be0356$98624380$667bc997@curt>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 I am right handed, but send with the left hand making the dash with left pointing finger being I am not a True
left hander...funny how everyone is different :-)

  Curt/K3ivb

-----Original Message-----
From: frank lauri <qrpp@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, October 29, 1998 10:47 AM
Subject: Re: Dashes on right paddle or left?

>Hi,
>
>I am left handed and use a single paddle key (usually).
>
>I send DITS with my pointing finger and DAHS with my thumb...whether
>this is traditionally correct...I don't know but it works for me.
>
>Frank n2ix
>
>
>
>
>---Bruce Prior <n7rr@hotmail.com> wrote:
>>
>>
>> Most folks make dits with the thumb and dahs with the pointer finger.
>> Left or right orientation depends on whether you key with your left
>or
>> right hand. My wife Margaret, KD7CEL, a new novice, uses ONLY a
>keyer.
>> She's never practiced with a straight key. She's pretty sassy with
>it,
>> too! Good luck. Bruce Prior N7RR / VE7HR
>>
>> ____
>> Get Your Private, Free Email at http://www.hotmail.com
>>
>
>____
>DO YOU YAHOO!?
>Get your free @yahoo.com address at http://mail.yahoo.com
>

Date: Thu, 29 Oct 1998 11:24:00 EST
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [23476] Emtech email address
Message-ID: <eaad7add.363896a0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Several folks have emailed me privately about communicating with Emtech since Roy Gregson, the proprietor, passed away. I have tried to forward their mail to Roy's daughter, Suzi, and I hope their inquiries have been answered. I just received an email from Suzi indicating that Emtech is still going, and her brother Glenn is in charge. His email address is webmaster@kjv.com. I hope this is helpful to those who wish to communicate with this company.

I am a friend of Roy's, but don't have any interest in Emtech. Inquiries go directly to Emtech please.

Preston Douglas WJ2V

Date: Thu, 29 Oct 1998 09:38:20 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23477] Re: Dashes on right paddle or left?
Message-ID: <3638378C.EDEF07EF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is the "rule": Do it the way you are comfortable with. Believe it or not, the person on the other end hasn't a clue which finger is on which paddle, or if you are right or left-handed. They probably _will_ know if you use your foot, though.
--
72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Thu, 29 Oct 1998 08:56:33 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [23478] Re: Elmer200: Lab 1 [long]
Message-ID: <19981029165634.909.qmail@hotmail.com>
Content-Type: text/plain

On the subject of RF probes, I built one several months ago based on the ARRL Handbook but for the tip I used the tip end of a Radio Shack DMM test probe. The reason why I had that laying around was because I like

to use the mini-gripper clips instead of the standard probes with my DMM. As I couldn't find any banana plugs long enough to fit in my Wavetek meter, I bought a pair of RS test probes and lopped off the tips and attached Pomona mini-grippers in their place. For some stupid reason I saved the tips (must have been a premonition of building the RF probe some day :-).

Anyway, back to the RF probe. I trimmed the plastic from the tip to shorten it and to expose the rod. I found a piece of brass tubing of appropriate diameter to slide onto the tip handle. The Ge diode and other components were soldered together and onto the tip rod and coax such that the tubing could be slid over everything and finally epoxied in place. The coax shield was soldered to the tubing finally.

The only problem in the end was that I reversed the diode so the probe reads negative versus the shield :-(I think it was a typo in the old ARRL Handbook (circa 1970). At least it demonstrates that I could have benefitted from the Elmer 200 class.

Brad

_____
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Date: Thu, 29 Oct 1998 10:29:23 -0600
From: Bob Reynolds <breynold@sigg.com>
To: n7rr@hotmail.com, qrp-l@Lehigh.EDU
Subject: [23479] Re: Dashes on right paddle or left? -Reply
Message-ID: <98Oct29.105543cst.26896@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

I make dahs and dits with my thumb. The
left hand runs the bug, and the right hand
runs the keyer. I prefer the bug, the keyer
has no personality.

73, Red K5VOL

Date: Thu, 29 Oct 1998 10:55:14 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@lehigh.edu
Cc: Davewb4@aol.com, whowell@hq.nasa.gov, William-McShan@ouhsc.edu

Subject: [23480] Re: FIRE-BALL FRATERNITY/ Attn: hams with webpages & QRP clubs
Message-ID: <36389DF2.1268@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, former Fireballers... this cycle we need to come back stronger
that last cycle. We have the internet to help us and the experience
of the last bunch of Fireballers.
The back issues of 73, Radio Fun, and QRP Quarterly can be had in most
cases.
QRP Quarterly April 1993 p. 24. There was an article in November 1990
issue of 73 p. 12 & 18. And one in Radio Fun March 1992.

It would be SUPER if one of the QRP-L members, or QRP clubs with a
webpage would put the best of these articles on there webpage!!

I posted the pin out in yesterdays QRP-L, but a diagram would be better,
and a good detail picture of the circuit board they were selling, with
all parts listed would be real nice.

As 10M improves there will be more and more interest in this.

I just had a QSO with GJ4GG on Jersey island running 10w from my HTX-100
and he commented he was licensed 60 yrs ago and back then they could
only run 10w max. He cut his pwr to 8w and me made it QRPx2!!

When I told him to watch 28.332 for the Fireball activity he wanted to
know how soon was it going to start! He was excited to hear the low
power tradition was still alive in his favorite hobby.

There are hams all over the world who would love to copy a computer
clock on CW!
Maybe there will be a "Fireball The new generation" fraternity!
     72/3'z de Jim KJ5TF AR QRP #2 Fireballer #181

>here is their new number 760-257-3366

>they no longer manufacturer this. Said they weren't making money and >thus
>stopped production.

>At 12:48 PM 10/28/1998 EST, you wrote:
>Hi Gang: I have seen some questions and interest in the FIRE-BALL. The >fire-
>ball is a 10 meter 10mw (adjustible down) xmitter designed by k7IRK & >WA6YPE
>There Company was, or still is, called   Smith Enterprises. They sold them
>around 1990. As I remember they were very inexpensive. ($10.00 rings a bell)
>In essence they are a clock oscillator on 28.060mhz with a 10 turn pot to

>adjust output and an RF relay. They were supplied with an official FIRE-BALL
>Fraternity QSL Card and your your Fire-Ball Number (Mine is FB-171) They also
>made one for 28.636 for SSB. With conditions on 10 getting better the FIRE-
>BALL would be lots of fun.The last address I have for SMITH ENTERPRISES is:
>Smith Enterprises Fire-Ball
>48788 Silver Valley Rd.
>NewBerry Springs CA 92365
>Phone: 818 963-0079
>Might be time to dust off my FIRE-BALL
>73
>Dave Rogers WB4CHK
>
>

Date: Thu, 29 Oct 1998 09:06:58 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [23481] Scope Probes
Message-ID: <19981029170659.28916.qmail@hotmail.com>
Content-Type: text/plain

I recall that Paul Harden had a detailed dissertation on oscilloscopes
here some while back and I suppose that this question might be suitable
here so I am going to ask it:

Concerning passive scope probes, what factors limit their bandwidth?

Many different 10X probes are available in the catalogs. Some are rated
with bandwidths to 60 MHz and others to 100 MHz, etc. but basically they
don't go too much higher (then you need a different type). I can
understand that the coax's capacitance will affect the apparent
capacitance at the tip but this seems to be solely an impedance issue.
What limits the bandwidth?

Brad

_____
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Date: Thu, 29 Oct 1998 12:12:48 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@lehigh.edu
Subject: [23482] keyboard cw

Message-ID: <19981029.111251.2223.1.KQ0I@juno.com>

I'm noticing that I'm not as good with the keyer as I once was. Some of it is not being on the air enough, but I'm sure some of it is due to age. Whatever the reason, I'm going to start experimenting with sending by keyboard. I have an MFJ 1278 TNC which has some memory buffers available.

Any advice from those of you that use keyboards and memories and such for CW?

Thanks for your thoughts.

72/73   Mark   KQ0I
Des Moines, Iowa   EN31

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 09:17:00 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [23483] FYI Patents
Message-ID: <19981029171700.17535.qmail@hotmail.com>
Content-Type: text/plain

The other day I was looking through Chris Trask's web pages of bibliographies on mixers. He has listed a number of patent references. For the benefit of those who may not be aware of the site, one can view and download reasonably legible copies of US patents at:

http://www.patents.ibm.com/

Also, you can search patents at:

http://patents.cnidr.org/access/search-bool.html

Brad

_____
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Date: Thu, 29 Oct 1998 09:18:47 -0800
From: Rich Wilkerson <richqrp@home.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [23484] trouble
Message-ID: <3638A377.882D6E95@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has there been a problem with the list? I have not still not received
anything from the group for a day or so.
--
                    Rich Wilkerson
                  WD6FDD, Santee, Ca.
                      72's, 73's

Date: Thu, 29 Oct 1998 12:22:37 EST
From: Robsparks@aol.com
To: qrp-l@lehigh.edu, KJ5TF@madisoncounty.net
Subject: [23485] Results of AR QRP Net
Message-ID: <a591ea66.3638a45d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The net started at 0130Z and the following stations checked in amid fair to
good band conditions. Apparently the good band cndx attracted other stations,
because QRM became a real problem as the net progressed. SRI if I missed you
because of the QRM!

KE6ZX   Fred FL
K1QD?   Joel Joel, is this call correct?
KU4QW   Jim TN
N4EUK   Steve   VA
VE2KN   Jim   Montreal

QRP is amazing! My QTH is Louisiana and I was able to copy (albeit barely) Jim
in Montreal. Note the wide dispersion of states. Thanks for checking in!

The Arkansas QRP Club net meets Wednesday Night at 0130Z at 7.052 mhz
Non-members are welcome (and encouraged) to check in

Bob Sparks AB5ZD AR-QRP #277

Date: Thu, 29 Oct 1998 09:29:37 -0800
From: "Radman" <radman@best.com>
To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23486] Re: Dashes on right paddle or left?
Message-ID: <199810291726.JAA12951@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I'll vote with Roger on this issue. In a world filled with
electronic keyers the word, "convention" lacks
significance. It takes mere seconds to reverse the
"convention" in the CMOS-3 interface. It takes ten minutes
to swap your dit-dah wires on very simple keyers. I
suppose it's a greater concern for ops who switch between
"bugs" AND paddles..... eeeeesh ;)! Go with what you like
best :-)

For the record, I'm "un-conventional."

vry 72 - Conrad Weiss - NN6CW

****

Here is the "rule": Do it the way you are comfortable
with. Believe it
or not, the person on the other end hasn't a clue which
finger is on
which paddle, or if you are right or left-handed. They
probably _will_
know if you use your foot, though.
--
72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Thu, 29 Oct 1998 12:58:21
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [23487] 11-2-10 project
Message-ID: <3.0.3.16.19981029125821.2edf124c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

All the parts but one are now here for the kit. Hopefully the Amidon cores will be here soon. I'll be bagging parts this weekend and start sending them out as soon as the cores show up.

Most of you should have gotten word direct the kits were about ready, (Note to Steve Smith and Mike Duke, I haven't forgoten about you, but you are special cases)

I should have a few extra kits, I'll post a note to the list when I find out exactly how many, in case anyone else wants to get on 10M AM with us.

Conrad Weiss has a "beta kit" in his hands, he'll let me know if there are any mistakes in the instructions and I am sure will let us all know how it went as soon as he gets a chance to do the conversion.

Guess we'll all have to decide on a calling freq soon and set up a net. Can't wait to talk to you guys !

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 29 Oct 1998 13:05:31
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [23488] Tayloe Mixer
Message-ID: <3.0.3.16.19981029130531.22cfeafa@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I also got in the parts I need to build an offical "Tayloe Mixer". Yikes, another tiny SMT chip with 26 mill lead spacing to try and make a board for, what fun :-)

I splurged and bought a pair of Burr-Brown, low noise, low distortion Instrument amps for the input amps from the phase caps, and a couple of low noise LM387's for the phase shifter circuit. Might as well do this right....

I'll let ya all know how it works out !

Projects? We sure got projects lined up! Now, if we could only find time to eat and sleep...

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 29 Oct 1998 09:56:06 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [23489] Copy CW Challlenge
Message-ID: <19981029.095902.6678.5.dave_epps@juno.com>

Ref: 73 mag. Oct. '98 pg. 4.
W7JWJ has offered $1000 to anyone that can beat him at copying the code.

That should be easy for "dit dit".
He says that a poor diet is "a big part of the problem" in learning the code.
(That's a new one)
 W7JWJ has certificate for copying 79 wpm.
          dave ab5pc fresno, ca.

_____
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Date: Thu, 29 Oct 1998 09:48:31 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [23490] QRP Chuckle
Message-ID: <19981029.095902.6678.4.dave_epps@juno.com>

Ref: 73 mag. Oct. '98 pg.8.
W3UWH gives his "silliness" interpretation of "Q-signs" and what he thinks
they should be.
QRP must mean "really poor", and can't afford a rig that puts out more
          than five watts. If it's "low power", call it that. "QLP"
     end quote.
QLP sounds good to me. I guess the the Q & Z signs originated in the

military with "rp" meaning reduced power.
Anyone remember what the dreaded "ZBM2" Z-sign meant?
      dave ab5pc fresno, ca.

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 09:59:01 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [23491] Antenna Twist
Message-ID: <19981029.095902.6678.6.dave_epps@juno.com>

I noticed that my folded dipole and feedline made from ribbon cable has a

lot of twists. It doesn't seem to hurt the performance, in fact, it might
b e
helping it.
Do any of the antenna modeling programs handle twists in a folded dipole?
       dave ab5pc fresno, ca.

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 10:08:59 -0800
From: Jerry Conover <jerry.conover@NAU.EDU>
To: qrp-l@Lehigh.EDU
Subject: [23492] Re: QRP-L digest 1258
Message-ID: <3638AF3B.89B9611D@nau.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody care to offer recommendations as to a good type of keyer paddle
to use for mobile operation (while driving, that is)? I've recently
installed an HF station in my car, and want to give CW-on-the-road a
try. But my bulky home-station paddle doesn't seem well suited to use

in the car, so I'd like something I can attach (temporarily) to the
console of my Explorer and di-dah away the miles.

Jerry, AB7II

qrp-l@Lehigh.EDU wrote:
>
>   QRP-L Digest 1258
>
> Topics covered in this issue include:
>
>   1) [23319] k8cv fox log .....
>   by Walt Amos <waltk8cv@ameritech.net>
>   2) [23320] SUPER CMOS III KEYER
>   by w2bj@juno.com (Barry J Minsky)
>   3) [23321] Re: ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?
>   by John <kemkerj@xyzzy.net>
>   4) [23322] Re: SUPER CMOS III KEYER
>   by Grant Taylor <k7gt@qsl.net>
>   5) [23323] Help finding CRT
>   by K4NK@aol.com
>   6) [23324] QRP @ Jones Lake State Park....Knightlites
>   by KF4EIB@aol.com
>   7) [23325] Elmer200 & ARRL Handbook
>   by "Jim Fielden" <fielden@utkux.utcc.utk.edu>
>   8) [23326] FOX: N2TO
>   by Tom Palmer <n1tp@worldnet.att.net>
>   9) [23327] WTB: NorCal 20 Kit Please!
>   by n5zgt@swcp.com (Brian Mileshosky)
> 10) [23328] Re: WTB: NorCal 20 Kit Please!
>   by Kory Hamzeh <kory@avatar.com>
> 11) [23329] Ultra-light Antenna
>   by dave_epps@juno.com
> 12) [23330] Rainbow Antler 7 Point
>   by dave_epps@juno.com
> 13) [23331] Re: N2TO
>   by "John J. McDonough" <jjmcd@tm.net>
> 14) [23332] Elmer200: Class attendance
>   by Chuck Adams <adams@ticnet.com>
> 15) [23333] Heathkit HWA-7-1 pwr supply rebuild
>   by "GREGORY HEATH" <KB2QQM@email.msn.com>
> 16) [23334] RG174 Coax
>   by PGHDTS@aol.com
> 17) [23335] ARRL QRP article re. Tokyo HyPower Rig
>   by Dennis Terribile <wr4i@mindspring.com>
> 18) [23336] FOX: N2TO
>   by "Wilford D. Lindsey" <70511.3041@compuserve.com>
> 19) [23337] FOX HUNT REPORT - hit DELETE

> by Tim Pettibone <tpettibo@NMSU.Edu>
> 20) [23338] Fox: Toughest Yet
> by "Marshall Emm" <mgemm@mtechnologies.com>
> 21) [23339] Re: FOX: N2TO
> by Macstein@aol.com
> 22) [23340] KC 1
> by "C. Lamar Derk" <n3at@epix.net>
> 23) [23341] Fox on the wall!
> by Shephed@aol.com
> 24) [23342] Re: ZOMBIE SHUFFLE - Novice/Tech+ 40M band?
> by Joe Gervais <vole@primenet.com>
> 25) [23343] FOX: Novice/Tech+ Foxii MIA?
> by Joe Gervais <vole@primenet.com>
> 26) [23344] Sierra Sidetone
> by Richard <kt4or@qsl.net>
> 27) [23345] Re: FOX: Novice/Tech+ Foxii MIA?
> by Shephed@aol.com
> 28) [23346] ZOMBIE SHUFFLE - Novice/Tech + 40 meters
> by W9SUL <pugrad@millcomm.com>
> 29) [23347] Re: FOX: Novice/Tech+ Foxii MIA?
> by Monte Stark <ku7y@dri.edu>
> 30) [23348] FS QRP RIGS/MISC
> by n1wcc@juno.com (Arol B Hill)
> 31) [23349] FOX -- huh, wha' fox?
> by "Radman" <radman@best.com>
> 32) [23350] Re: VR98GB?
> by "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>
> 33) [23351] Re: FOX -- huh, wha' fox?
> by we6w@juno.com (Ed Loranger)
> 34) [23352] Re: Elmer200: Class attendance
> by we6w@juno.com (Ed Loranger)
> 35) [23353] NC20 kit...anyone want to sell theirs? (& FOX)
> by Dave Fifield <fifield@pacbell.net>
> 36) [23354] manual
> by K4NK@aol.com
> 37) [23355] materials: low loss coil forms
> by n3fel@juno.com (Howard D Rubin)
> 38) [23356] Re: QRP @ Jones Lake State Park....Knightlites
> by "Paul Helbert, Wv3j" <phelbert@rica.net>
> 39) [23357] KEYER
> by w2bj@juno.com (Barry J Minsky)
> 40) [23358] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
> by Scott Howell <whowell@hq.nasa.gov>
> 41) [23359] Re: fox
> by jeverhar@cse.l-3com.com
> 42) [23360] KC 1
> by "C. Lamar Derk" <n3at@epix.net>
> 43) [23361] Tuesday's Fox

> by Jim Lyons <jlyons@CAM.ORG>
> 44) [23362] Re: ZOMBIE SHUFFLE - Novice/Tech + 40 meters
> by Bruce Rattray <rattray@gpfn.sk.ca>
> 45) [23363] Re: FOX: Novice/Tech+ Foxii MIA?
> by Bruce Rattray <rattray@gpfn.sk.ca>
> 46) [23364] FS: BENCHER PADDLES
> by Brad Bradfield <b_bradfield@yahoo.com>
> 47) [23365] Re: KEYER (CMOS-III)
> by "Radman" <radman@best.com>
> 48) [23366] Re: Official ZOMBIE SHUFFLE Rules
> by w4bws@juno.com (Donald E Sanders)
> 49) [23367] Re: FOX: Novice/Tech+ Foxii MIA?
> by "Paul R. Valko" <prvalko@oakland.edu>
> 50) [23368] FOX: NEWSFLASH!!! W8KC works RIT!!!
> by "Paul R. Valko" <prvalko@oakland.edu>
> 51) [23369] Fw: Re: Official ZOMBIE SHUFFLE Rules
> by ke6zx@juno.com (Fred J Kalt)
> 52) [23370] Fireball 10M xmtr
> by Jim <kj5tf@madisoncounty.net>
> 53) [23371] Re: ARRL QRP article re. Tokyo HyPower Rig
> by "Ed Hare, W1RFI" <ehare@arrl.org>
> 54) [23372] FS: 38 Special--partially built
> by "Frank Grigaliunas" <fgrig@iea.com>
> 55) [23373] 2N2/40 FOX Contact
> by "Jim Kortge, K8IQY" <jokortge@cwix.com>
> 56) [23374] Re: Official ZOMBIE SHUFFLE Rules
> by Bruce Rattray <rattray@gpfn.sk.ca>
> 57) [23375] WEB Page Help - non Radio
> by Brad Mugleston <bmug@gwl.com>
> 58) [23376] FOX: NHTF N2TO
> by "Franco, Nicholas J" <franco@bnl.gov>
> 59) [23377] RE: Huff-n-Puff VFO & PICS
> by Bill Jones <kd7s@psnw.com>
> 60) [23378] Re: FOX: Novice/Tech+ Foxii MIA?
> by Joe Gervais <vole@primenet.com>
> 61) [23379] FOX QRM?
> by ARDUJENSKI@aol.com
> 62) [23380] Re: FOX QRM?
> by Bruce Rattray <rattray@gpfn.sk.ca>
> 63) [23381] Re: Tapped Transformers
> by we6w@juno.com (Ed Loranger)
> 64) [23382] re: BENCHER PADDLES
> by Brad Bradfield <b_bradfield@yahoo.com>
> 65) [23383] WTB: SST kit or built
> by n4elm@texoma.net
> 66) [23384] Re: FOX QRM?
> by Roy <marion@montana.com>
> 67) [23385] Re: Official ZOMBIE SHUFFLE Rules

> by "David Hurley, n2zhy" <n2zhy@amsat.org>
> 68) [23386] FCC license adress change
> by n0bfqrp@juno.com (Stephen c Stuntz)
> 69) [23387] Rotatable 40 mtr dipole
> by dave_epps@juno.com
> 70) [23388] Ultra-Light Antenna
> by dave_epps@juno.com
> 71) [23389] Tentec Omni V mod
> by Scott Howell <whowell@hq.nasa.gov>
> 72) [23390] FOX: first attempt, no luck
> by Jim Glover <psykey@okcforum.org>
> 73) [23391] FIRE-BALL FRATERNITY
> by Davewb4@aol.com
> 74) [23392] FOX:Team Scores log correction (fwd)
> by Bruce Rattray <rattray@gpfn.sk.ca>
> 75) [23393] Re: FOX QRM?
> by Tom Palmer <n1tp@worldnet.att.net>
> 76) [23394] QRP for anyone
> by brian <brian@iquest.net>
> 77) [23395] Resonant Speakers and AIR-Wound mH inductors.
> by Ed Loranger <we6w@qsl.net>
> 78) [23396] Fox: N2TO/Re: Toughest Yet
> by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 79) [23397] Fox: N2TO
> by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 80) [23398] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
> by Ed Tanton <n4xy@att.net>
> 81) [23399] Zip-Cord antenna/Ultra-Light Antenna
> by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 82) [23400] Re: FIRE-BALL FRATERNITY
> by Scott Howell <whowell@hq.nasa.gov>
> 83) [23401] Zombies/SARA-TARA Hamfest
> by jaywa5whn@juno.com (Jay D Miller)
> 84) [23402] STATION TEST NITE
> by ARDUJENSKI@aol.com
> 85) [23403] Re: FIRE-BALL FRATERNITY
> by William-McShan@ouhsc.edu (Mike McShan)
> 86) [23404] General Privileges Without CW Testing
> by DENNISMO@aol.com
> 87) [23405] Re: Zip-Cord antenna/Ultra-Light Antenna
> by applitech@mcg.net (Claton Cadmus)
> 88) [23406] Re: FOX: Novice/Tech+ Foxii MIA?
> by KC5TJA <kc5tja@topaz.axisinternet.com>
> 89) [23407] AR-QRP 40 m Net Wednesday Night
> by Robsparks@aol.com
> 90) [23408] Potentual new projects
> by Steven Weber <kd1jv@moose.ncia.net>
> 91) [23409] Re: Fox: N2TO/Re: Toughest Yet

>   by "Marshall Emm" <mgemm@mtechnologies.com>
> 92) [23410] Re: Zip-Cord antenna/Ultra-Light Antenna
>   by Niel Skousen <skousen@srv.net>
> 93) [23411] FOX: N2TO Log 28-OCT-98 0100-0300 UTC
>   by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 94) [23412] FOX: Who nabbed who
>   by sholisky@ktca.org (Scott Holisky)
> 95) [23413] OHR 500 Review Pre-announcement
>   by Chuck Adams <adams@ticnet.com>
> 96) [23414] Re: Zip-Cord antenna/Ultra-Light Antenna
>   by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
> 97) [23415] antenas again
>   by Scott Howell <whowell@hq.nasa.gov>
> 98) [23416] Re: N2TO Log 28-OCT-98 0100-0300 UTC
>   by "Radman" <radman@best.com>
> 99) [23417] Argo 509 + OHR Display
>   by "Tim Cook" <timcook@erinet.com>
> 100) [23418] FAQ2
>   by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
> 101) [23419] Re: Zip-Cord antenna/Ultra-Light Antenna
>   by Chuck Carpenter <w5usj@webwide.net>
> 102) [23420] What Makes it "Iambic"
>   by FrConrad@aol.com
> 103) [23421] Re: What Makes it "Iambic"
>   by DYARNES@aol.com
> 104) [23422] FS: Sierra / St. Louis Tuner
>   by "Tim Cook" <timcook@erinet.com>
> 105) [23423] Re: Zip-Cord antenna/Ultra-Light Antenna
>   by W7LS <w7ls@blarg.net>
>
> --
>
> Date: Wed, 28 Oct 1998 00:06:12 +0000
> From: Walt Amos <waltk8cv@ameritech.net>
> To: qrp mailing list <qrp-l@lehigh.edu>
> Subject: [23319] k8cv fox log .....
> Message-ID: <36365FF4.920C059A@ameritech.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> sorry guys .... OOP's sexist remark, and GALS !! Oh, please don't
> do that SANDRA!!
>
> NO NO AAAAAAAAAAHHHHHHHHHHHHHH
>
> I don't know any other way to send my log than as an attachment and it

> seems that qrp-l will not accept attachments because of all the people
> who will not configure there browser away from HTML so if you want the
> log send me a post and I will send it direct to you as an attachment.
>
> Walt k8cv
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 19:31:06 -0500
> From: w2bj@juno.com (Barry J Minsky)
> To: cw@qth.net, qrp@qth.net, qrp-l@lehigh.edu
> Subject: [23320] SUPER CMOS III KEYER
> Message-ID: <19981027.193107.-236399.0.w2bj@juno.com>
> MIME-Version: 1.0
> Content-Type: text/plain
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I have read much about the Super CMOS III Keyer and want to get one. I
> need advice. I have seen the ad from Idiom Press the Logikey K-3. Is
> that the best place to get one or are there others who sell them cheaper
> or better made? I would appreciate any advice you could give me.
> 72/73,
> Barry J. Minsky, W2BJ
> ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
> Knightlites, Adventure Radio Society #359,
> Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
> Club #3723
> Amateur Radio Missionary Service
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 19:36:56 +0000
> From: John <kemkerj@xyzzy.net>
> To: turnkey@exo.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23321] Re: ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?
> Message-ID: <363620D8.A850BA22@xyzzy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I'll be trying to work there. Don't know the exact times, but I'll be
> working it.
>
> My signal should be very scary and, just like a good zombie, very slow.
> [grin]

>
> Be patient with this Zombie, guys, I'm using the Shuffle to build
> speed. I was thinking of working more than two hours. Can I pick the
> best two hours to turn in for score?
>
> Bob Painter wrote:
>
> > Hi Gang,
> >
> > The Halloween Zombie Shuffle sounds like fun. Is anyone planning
> > on also operating in the 7.106 ~ 7.143 range?? Thanks
> > 72, Bob, KF6NKH
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 16:47:01 -0800
> From: Grant Taylor <k7gt@qsl.net>
> To: w2bj@juno.com, qrp-l@lehigh.edu
> Subject: [23322] Re: SUPER CMOS III KEYER
> Message-ID: <36366985.79C7@qsl.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> They are the only place to get either boards/parts kit or completed
> keyers. The kits aren't that hard to make up, but one needs to
> consider d.c. power, output connectors, speaker, ... issues. KE6HDS
> made a matched set for us that we both enjoy very much. We paid $55
> each for the kits about two years ago.
>
> TESTIMONIAL: My keying speed and quality both took a major jump within
> a week of getting the SuperKeyer CMOS III keyer on line. One fellow
> accused me of using a keyboard... !
>
> Either way is a winner!
> --
> Grant K7GT Pleasanton CA k7gt@qsl.net http://www.qsl.net/k7gt
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 19:50:03 EST
> From: K4NK@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23323] Help finding CRT
> Message-ID: <1a86c38b.36366a3b@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII

> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Gang;
> I have a piece of test equipment that lost its CRT I am looking for a
> Hitachi 95AB31 CRT. Any help would be great. I tried richardson and the big
> guys , so digging around now.
> 72 Thanks Les K4NK
>
> K4NK@aol.com
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 19:54:48 EST
> From: KF4EIB@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23324] QRP @ Jones Lake State Park....Knightlites
> Message-ID: <479ffb19.36366b58@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Fellow KL,
>
> Is there anyone looking to stay in a Modern Campsite (read motel) at the QRP
> gathering that would like to share a room cost?
> Reply to my e-mail please
>
> Sir Gordon kf4eib
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 19:57:14 -0500
> From: "Jim Fielden" <fielden@utkux.utcc.utk.edu>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [23325] Elmer200 & ARRL Handbook
> Message-ID: <01be020d$e6bc8ee0$d412a980@galaxian>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hello All,
> Wow I like the sound of this, maybe the most helpful thing that I've ever
> done in Ham Radio, use it as an excuse to at last learn something.
>

> I have SSD, don't have Data Book for Homebrewers and QRPers by the famous
> Paul Harden, NA5N, But will order it next week, not sure what the Oscillator
> RF Design book(s) are but not going to worry about it to much yet. My ARRL
> Handbook is 1990, so I know some of the info is outdated, or not included,
> wanted to see if anyone had a 1995 or 1996 ARRL Handbook that they would
> sell / trade before I start looking for a 1999 model (would love to have
> the one with the Sierra in it)..
>
> Anyone have the Handbook CD, if so any thougths, how is it working out?
>
> 72   *   Jim, KU4QW   - QRP-L # 1481 - G-QRP # 10117
> fielden@utkux.utcc.utk.edu - FISTS # 5380   - QRP ARCI # 9789
> http://www.qsl.net/ku4qw/   - No-SSB International (tm) # 1,000,014
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:38:11 -0500
> From: Tom Palmer <n1tp@worldnet.att.net>
> To: QRP-L <qrp-l@Lehigh.EDU>
> Subject: [23326] FOX: N2TO
> Message-ID: <36367583.6BA9710A@worldnet.att.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Kevin, N2TO, now transmitting at 7.043 and listening by moving around
> with RIT off-set of about .200 + or - with BIG signal into FL. He
> nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples,
> FL.
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 18:56:34 -0700 (MST)
> From: n5zgt@swcp.com (Brian Mileshosky)
> To: qrp-l@Lehigh.EDU
> Subject: [23327] WTB: NorCal 20 Kit Please!
> Message-ID: <199810280156.SAA20743@kitsune.swcp.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Hello Everybody,
>   Sadly, I am one of the unfortunate ones who did not purchase a NorCal 20
> kit while they were available by the folks from NorCal. :-(
>
>   I am wondering, if by any chance, anybody has one, or will have one that
> they would like to part with. I will be more than happy to pay the same
> price, plus shipping, that NorCal requested for the kit.

>
>   If you, or anyone you know, has one they'd like to sell, please email me.
> Thank you very much!
>
> 72,
> Brian, N5ZGT
> Albuquerque, NM
> http://www.swcp.com/~n5zgt
>   --
>   Boy Scouts of America   Amateur Radio - N5ZGT
>   Eagle Scout 12/6/96   ARRL QRP: NorCal #1700 QRP-L #580 AK/QRP #125
>   ASM - Troop 41   Worldradio Magazines's Youth Forum Columninst
>   Albuquerque, N.M.   Packet: N5ZGT @ K9KUW (Temp QRT)
>   O.A. Lodge 66 Chief-elect   Internet: n5zgt@swcp.com
> Yah-Tah-Hey-Si-Kess <-W-W-W-<
>   Please Visit my Homepage at: http://www.unm.edu/~brianm
> --
>
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 18:04:00 -0700
> From: Kory Hamzeh <kory@avatar.com>
> To: n5zgt@swcp.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23328] Re: WTB: NorCal 20 Kit Please!
> Message-ID: <3.0.5.32.19981027180400.007b4150@ns1.avatar.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> At 06:56 PM 10/27/98 -0700, Brian Mileshosky wrote:
> >
> > I am wondering, if by any chance, anybody has one, or will have one that
> >they would like to part with. I will be more than happy to pay the same
> >price, plus shipping, that NorCal requested for the kit.
> >
> > If you, or anyone you know, has one they'd like to sell, please email me.
> >Thank you very much!
> >
> >72,
> >Brian, N5ZGT
> >Albuquerque, NM
> >http://www.swcp.com/~n5zgt
>
> Brian,
>
> I don't believe the norcal 20 has even shipped yet. At least I haven't
> received mine yet!
>

> Kory
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 18:12:05 -0800
> From: dave_epps@juno.com
> To: qrp-l@lehigh.edu
> Subject: [23329] Ultra-light Antenna
> Message-ID: <19981027.181205.6678.2.dave_epps@juno.com>
>
> I made a 40 meter folded dipole from ribbon cable and also made the
> feedline with the same ribbon cable. I used 2 conductors for each element
> of the antenna and also the feedline for extra strength. It tuned great
> and
> makes a real small lightweight antenna.
> Next I plan to make multiband folded dipoles with a common feedline all
> from ribbon cable. With multi-colored ribbon cable it makes it easier to
> keep all of the elements together.
> I used the ribbon cable as feedline because the Rainbow Express designer
> said he had used it in other antennas.
>   dave ab5pc fresno, ca.
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 18:01:19 -0800
> From: dave_epps@juno.com
> To: qrp-l@lehigh.edu
> Subject: [23330] Rainbow Antler 7 Point
> Message-ID: <19981027.181205.6678.1.dave_epps@juno.com>
>
> I wanted to cut a half wave wire for the almost completed Rainbow Tuner
> and since I have just acquired a good supply of ribbon cable I figured I
> would
> just cut a half wave for 7 bands. (7 conductors). Also cut 1/4 wave wire
> for
> the counterpoise. (7 Conductors) .
> All 7 bands tuned with the ZM-2. (A great little tuner). The MFJ antenna
> analyzer really makes it easy.
> I called it Rainbow as it is multicolored wires.
>   dave ab5pc fresno, ca.
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.

> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 21:10:08 -0500
> From: "John J. McDonough" <jjmcd@tm.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23331] Re: N2TO
> Message-ID: <199810280224.3560500@is1.tm.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Finally!!! A pelt at WB8RCR.
>
> After many dry evenings, finally got N2TO. Thought I wouldn't, too. He
> started out with a strong sig, but faded into the murk toward the end of
> his exchange. I was SURE he wouldn't hear me, but he pulled it out - nice
> work Kevin.
>
> 72/73 de WB8RCR
> didileydadidah
>
> ------------------------------
>
> Date: Tue, 27 Oct 98 20:37:52 -0500
> From: Chuck Adams <adams@ticnet.com>
> To: qrp <qrp-l@lehigh.edu>
> Subject: [23332] Elmer200: Class attendance
> Message-ID: <199810280235.VAA99606@nss4.cc.Lehigh.EDU>
>
> Gang,
>
> I do not need email asking to join the class. It is unlimited
> enrollment and plenty of seats are available.
>
> 1. There is no charge for this class.
> 2. That means no tuition.
> 3. That means no lab fees to me, but you will have to provide
>   your own equipment, workbench, tools, paper and pen/pencil,
>   etc.
> 4. You may bring in sodas and food, but be careful. Clean up
>   before you leave for the day. :-) Smokers go outside.
> 5. No talking while the teacher is talking.
> 6. Take notes, there will be a quiz later.
> 7. There will be home work, but you grade it yourself.

> 8. Diploma will be issued at the end, which with a $1 will get
>   you a donut at 7-11 anywhere in the country. :-)
>
> For those of you near a University. This afternoon after the intro post
> I went to the Varsity Bookstore just off campus from SMU to
> look at lab books. Well, the hardback notebooks with numbered
> pages run almost $20 US currency. I settled for the National (R)
> Brand COMP BOOK, 80 sheets 11x8 3/8 43-481 for $4.99. But
> you can use your preferred notebook or make up your own. The
> important thing is to keep things in one place and in order so that
> you don't lose the information when you need it.
>
> But while at the book store I found a table with all the books priced
> at $1 (yet another reason to visit these places aperiodically). And
> lo and behold I found the Second Edition of "Semiconductor Device
> Modeling with SPICE" by Giuseppe Massobrio and Pauolo
> Antognetti along with "Continuous and DIscrete Signals and System"
> by Samir Soliman and M.D. Srinath (heavy reading I can tell).
>
> I went to the bookstore originally to demo to the gang that I am not
> going to ask you to do something that I haven't done myself or tried.
> At least most of the time if I have the resources.
>
> So, lab assignment about to come up for some of you. Stay tuned.
>
> FYI
>
> P.S. I'll take roll about the beginning of December to see how many
> of you are doing this. I'd hate to be talking to myself. Been there done
> that before. :-) ;-) I have taught classes with only two students also,
> so no problem there either.
>
> --
> Chuck Adams K5FO adams@ticnet.com   CP-60
> http://www.ticnet.com/k5fo
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 21:52:41 -0500
> From: "GREGORY HEATH" <KB2QQM@email.msn.com>
> To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>
> Subject: [23333] Heathkit HWA-7-1 pwr supply rebuild
> Message-ID: <016314755021ca8UPIMSSMTPUSR03@email.msn.com>
>
> Hi, I am rebuilding an HW7 and the HWA-7-1 that a friend was going to THROW
> OUT!
> Where can I find the equivalent parts:
>

> 1N2071 DIODE
>
> TA2577A TRANSISTOR,series regulator
>
> I also want to replace the transformer.....anybody know what kind it is?
> the power requirements in the manual show:
> 110-130 or 220-260VAC, 50/60Hz, at 15 watts.   the output voltage is
> 13V@600mA continous.
>
> I have looked in the TechAmerica catalog and dont see them referenced.
> Anybody know what I can use that will work?
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:03:01 EST
> From: PGHDTS@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23334] RG174 Coax
> Message-ID: <a8f3b5c9.36368965@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> What a great group.
> Thanks everyone for the information and many offers.
> 73 Don KB3CIL
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:03:07 -0500
> From: Dennis Terribile <wr4i@mindspring.com>
> To: qrp-l@Lehigh.EDU
> Subject: [23335] ARRL QRP article re. Tokyo HyPower Rig
> Message-ID: <3.0.4.32.19981027220307.006de99c@mindspring.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Hi Guys,
> I was at the Virginia Beach Hamfest last month, standing on the surf
> working DX on 15m SSB with my Tokyo HyPower with its little 3' antenna when
> Rick Lindquist, N1RL, the Senior Tech Editor of ARRL/QST came by and saw a
> 'photo-op'. Results are here.(see url below)
> I was also watching my 6 year old (per the XYL) of course enjoying the
> surf. Who say's you can't watch the kids and work DX at the same time? Ah!
> (she did get a little upset when she spied me...thinking I was not able to
> keeping my eye on the kid and "fool around" with the radio too!)
>

> I've owned the Tokyo for about 6-7 years now and still think its one of the
> most unique QRP rigs ever made. The only thing that came close was the
> Mihizo/AEA "Handy Talkie. The Tokyo HT-750 looks like a large 2m HT (old
> vintage of course). It uses 8 ni-cads and has a built in charger. I use
> 1100 ma cells and can work several hours on it. Its got a digital display,
> offset, and operates on 6/15/40m ssb/cw. Its got a built in mic and I often
> have used the PTT to work cw. Of course now with my lil red Whiterook, its
> easy to pack a paddle along! The antenna set uses base loading coils(one
> for each of the 3 bands)and a common whip. The entire thing is about 3'
> long. Lately I've been using a single radial to help. Of course when you're
> standing on the edge of the Atlantic Ocean, that helps too!
>
> I've taken the thing on just about every trip I've made and always have
> managed to make some contacts. One of my most memorable contacts was when
> we were on a cruise ship somewhere out in the Caribbean and there i was
> working some fella on cw while sipping my coffee overlooking the Ocean on
> the bow of the ship! I was using the PTT button. Must say the fella on the
> other end was verrrry patient!
>
> When 6m is open its easy to work fellas all over the place. 15m is one of
> my favorite bands too. And 40 is the bread n butter of course, but not very
> efficient with the 3' antenna! When in Nags Head on the Outter Banks,NC I
> often made contacts sitting INSIDE the cottage! And on 40m to boot! It
> never ceases to amaze me what can be done with so little power. I figure
> the thing is rated for about 2w out using the AA's and on 40m with the 3'
> antenna, efficiency is probably on the order of -300%.
> Probably really only getting out about 50mw or so to the atmosphere.
>
> Anyhow, N1RL was kind enough, and i guess impressed enough to do this
> little piece.
>
> Sorry,but to log onto this ARRL site you need to me a member. And yes, I am
> affiliated,etc<g>
> Thanks for stopping by.
> Dennis/WR4i
> Ivy,Va
>
> ARRL WEB Members Only site
> http://www.arrl.org/members-only/extra/features/1998/1001/5/#dx2w
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:06:51 -0500
> From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
> To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>, //QRP-L Discussion
Group <QRP-L@Lehigh.edu>,
>   "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
> Subject: [23336] FOX: N2TO

> Message-ID: <199810272210_MC2-5E46-438D@compuserve.com>
> MIME-Version: 1.0
> Content-Transfer-Encoding: 7bit
> Content-Type: text/plain; charset=us-ascii
> Content-Disposition: inline
> Content-Transfer-Encoding: 7bit
>
> Tom et. al.:
>
> Yep he is rolling in here, also. Calling CQ frequently. Go get him,
> everyone :-).
>
> 72/73,
> --Doc Lindsey/K0EVZ   Rochester, MN--Home of the Mayo Clinic.
>   MWBC
>   519-16th Street SE
>   Rochester, MN 55904
>   507/289-5108 (eves)
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:15:41 -0700
> From: Tim Pettibone <tpettibo@NMSU.Edu>
> To: qrp-l@lehigh.edu
> Subject: [23337] FOX HUNT REPORT - hit DELETE
> Message-ID: <1.5.4.32.19981028031541.00688804@cnmailsvr.nmsu.edu>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> With the emphasis on the HUNT part. Two hours of frustration! Well not
> quite. Started at 0100z with a freshly stirfried bunch of chicken and
> veggies on top of rice. The wife even brought it to me as I had my
> headphones on and my hand poised over the key (actually the paddle). After
> 10 minutes heard little except a few hounds. Went out to hear more about
> our weird weather in southern New Mexico. Had 5 tornado warnings today.
> Even had to evaucuate the office and go to the basement in the building -
> unheard of in NM! Nobody hurt and haven't heard anything about damage.
>
> Well, then I came back and heard Kevin but he was 2/3 of a db over mental
> telepathy, but I heard him. Gave several shouts knowing full well that I
> was screaming into that black night! Heard Ron, KU7Y, calling several times
> and then heard him work Kevin - there's hope (and you better be as strong on
> the 30th Ron!)
>
> Even though I heard Kevin most of the night, he was really down in the mud
> and I had some awful terrible QRM off to the side plus remnants of
> thunderstorms burbling on the horizon, cracking and popping.
>

> Ah, but there are other nights to seek out the beasties. And don't forget
> the Zombie Shuffle coming up as well. I've got a prime number, come and get
> it! Did notice that the hounds were pretty well behaved. Even I only
> called once at a time (well, I may have called twice - once!) Are we having
> fun yet?
>
> Tim K5OI
> Las Cruces, NM
>
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:26:42 -0600
> From: "Marshall Emm" <mgemm@mtechnologies.com>
> To: qrp-l@lehigh.edu
> Subject: [23338] Fox: Toughest Yet
> Message-ID: <199810280324.UAA31137@edison.chisp.net>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> Bagged him with five minutes to spare but am not really sure it was fun.
> Terrible conditions, with QRM, QRN, QSB and other nasty Q stuff. I
> have a headache and my ears are ringing, I can just imagine what it was
> like on Kevin's end. Had some friends over and they couldn't even hear
> a signal in the noise, then I told them what I'd copied and they thought I
> must have imagined it, or else it was magic. Well, in some ways it is, I
> guess [g]. Good work, Kevin!
>
> You done good! Ha
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express
> "Everything for the Morse Enthusiast"
> http://www.MorseX.com
> (303)752-3382
> --
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:23:31 EST
> From: Macstein@aol.com
> To: qrp-l@Lehigh.edu
> Subject: [23339] Re: FOX: N2TO

> Message-ID: <5b6f9b90.36368e33@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> In a message dated 10/27/98 8:40:12 PM EST, n1tp@worldnet.att.net writes:
>
> > Kevin, N2TO, now transmitting at 7.043 and listening by moving around
> > with RIT off-set of about .200 + or - with BIG signal into FL. He
> > nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples,
> > FL.
>
> However, It was kinda hard to hear with all of the INTENTIONAL QRM. The
> solid long runs of dits, the repeated tuning tone, etc. Kevin would slide up
> or down and so would the QRM. I think Kevin was masterful with the wait and
> send. Thanks guy, once I figured out your offset, I just twisted the knob a
> hair to send and back to listen. Hope Dave B. hurries with the RIT mod for my
> Elmer rig! (Thanks Dave!) I love this stuff.
>
> Also thanks to all of the replies to my earlier post. I sent the call once
> tonight and got him on the second try. Amazing. The other thing is some of
> the sigs are sure LOUD for QRP. Again, amazing. Like I said, I love this
> stuff.
>
> -MAC-
> KF4KSM FL #704
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:36:13 -0500
> From: "C. Lamar Derk" <n3at@epix.net>
> To: Low Power amateur discussion <qrp-l@lehigh.edu>
> Subject: [23340] KC 1
> Message-ID: <3636912D.7848@epix.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hello Gang -
>
> I need some information about the KC 1 keyer/freq counter that I have in
> my NorCal 40A. Does anyone have the list of instructions for using the
> KC 1? I have mislaid mine, and would appreciate very much if some kind
> soul would e-mail me a copy. Thank you!!!
>
> 72 de Lamar

>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:48:53 EST
> From: Shephed@aol.com
> To: qrp-l@lehigh.edu
> Subject: [23341] Fox on the wall!
> Message-ID: <aaf74a08.36369425@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Oh the great God, Ditdah has once again smiled upon my humble hide!
>
> Got Kevin with a good 559 into Ohio. He was strong, but the hounds were very
> few.
> I guess condx were not good for you left coasters. :-(
>
> Good job Kevin, and thanks for another great hunt.
>
> 72, 73
> Dan, N8VZU
> QRP-l #1404
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:52:13 -0700 (MST)
> From: Joe Gervais <vole@primenet.com>
> To: turnkey@exo.com
> Cc: qrp-l@lehigh.edu
> Subject: [23342] Re: ZOMBIE SHUFFLE - Novice/Tech+ 40M band?
> Message-ID: <199810280352.UAA27141@usr04.primenet.com>
>
> Howdy Bob and Folks,
>
> Bob (KF6NKH) wrote:
> >
> > The Halloween Zombie Shuffle sounds like fun. Is anyone planning
> > on also operating in the 7.106 ~ 7.143 range?? Thanks
>
> If you or anyone else will be there, I'll be there!
> Any other Novice/Tech+ Zombies out there? You don't
> need to be fast, or even good. You just need to be
> able to radiate. And if you're a little scared about
> getting on the air, heck, that just shows you're
> in the spirit of the Zombie Shuffle. If you're slow,
> that goes double.... ;-)

>
> Seriously, I'll check the Novice portion of 40m at
> the top of every hour, and if you tell us when/where
> you'll be calling, I'll bet others will too.
>
> If you're a N/T+, KEEP CALLING "CQ" SO WE CAN FIND YOU!
> I like to use "CQ TEST CQ QRP TEST DE AB7TT AB7TT TEST K"
> during these things.
>
> So, any other N/T+ takers? Please let us know!
>
> Boo de AB7TT,
>
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
> "If it ain't scary, you ain't doin' it right!" -The AZ Zombies
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:54:54 -0700 (MST)
> From: Joe Gervais <vole@primenet.com>
> To: qrp-l@Lehigh.EDU
> Subject: [23343] FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <199810280354.UAA27391@usr04.primenet.com>
>
> Howdy again Folks,
>
> Does anyone know the status of the N/T+ Foxii? Haven't
> heard a yelp from any of them so far. Kinda looking
> forward to having another pack of the critters upgrade
> by Spring, but with an empty litter there won't be any
> Foxlettes to train.... :-(
>
> Cheers de AB7TT,
>
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
> "If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 23:05:11 -0500
> From: Richard <kt4or@qsl.net>
> To: QRP <qrp-l@Lehigh.EDU>
> Subject: [23344] Sierra Sidetone
> Message-ID: <3637E977.10706529@qsl.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii

> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Has anybody else tried to change the sidetone pitch on the Wilderness
> Sierra. I changed out C41 .022 micro farad to .015 and it got way too
> high. My question is would changing R6A to a different value change the
> sidetone without screwing up anything else. It is connected to the Op
> amp U1B pins 1 & 2 and one leg of C41. The other leg on C41 goes to
> ground. I think it would work but curious if anyone else has tried this
> or has another suggestion.
>
> 73 es CUL   Richard KT4OR/QRP
>
> FISTS # 2691 10-X # 68271 Grid EM86th
> DXCC, WAC, WAS, 1000 Miles Per Watt: 7 MHz CW #1595
>
> kt4or@qsl.net http://www.qsl.net/kt4or/
>
> DX IS! QRP is TOO!!
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 23:04:54 EST
> From: Shephed@aol.com
> To: qrp-l@lehigh.edu
> Subject: [23345] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <8c00e610.363697e6@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> In a message dated 10/27/98 10:59:20 PM Eastern Standard Time,
> vole@primenet.com writes:
>
> >
> > Howdy again Folks,
> >
> > Does anyone know the status of the N/T+ Foxii? Haven't
> > heard a yelp from any of them so far. Kinda looking
> > forward to having another pack of the critters upgrade
> > by Spring, but with an empty litter there won't be any
> > Foxlettes to train.... :-(
> >
> > Cheers de AB7TT,
> >
>
> I agree.

> This time last year I was the N/T+ Fox, nervous as all heck and wound up
> tight.
> One year later I'm still nervous but an Extra. hihi.
>
> Get in there guys, it's fun and will almost guarantee you an upgrade by
> spring.
>
> 72, Dan
> QRP-l #1404
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 22:12:11 -0600
> From: W9SUL <pugrad@millcomm.com>
> To: qrp-l@lehigh.edu
> Subject: [23346] ZOMBIE SHUFFLE - Novice/Tech + 40 meters
> Message-ID: <1.5.4.32.19981028041211.00a815f8@millcomm.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Greetings,
>
> Like Joe - AB7TT, I'll be happy to check the N/T+ portion of 40 meters
> periodically. I'd be willing to check both at the "top" and "bottom" of
> every hour if there is enough interest. For sure... I'll check at the top
> of every hour.
>
> Please let us know who to listen for and where you plan on "hanging" around.
> I'll match your speed!!!!! Be there...
>
> 72... BOO   Dave - W9SUL   Rochester, MN
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 20:41:33 -0800 (PST)
> From: Monte Stark <ku7y@dri.edu>
> To: Joe Gervais <vole@primenet.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
> Subject: [23347] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <Pine.SOL.3.96.981027204020.5072C-100000@vortex>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Tue, 27 Oct 1998, Joe Gervais wrote:
>
> >
> > , but with an empty litter there won't be any
> > Foxlettes to train.... :-(

>
> Hey Joe,
>
> Does your wife know your out looking for Foxlettes?
>
>
> 73, Ron,   SOWP 5545M,
>
> ....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 00:23:43 -0500
> From: n1wcc@juno.com (Arol B Hill)
> To: qrp-l@lehigh.edu
> Subject: [23348] FS QRP RIGS/MISC
> Message-ID: <19981028.002347.3558.0.n1wcc@juno.com>
>
> 1. Ohr Explorer 40 meter
>   works great $75.00 shipped
>
>
> 2.A&A engineering (gary breeed) 30 meter
>   finished but not aligned yet $60.00 shipped
>
> 3. ohr sprint 2 40 meter
>   about %85 finished $60.00 shipped
>
> 4,Brown brothers paddles $40.00 shipped
>
> 5.Radio shack freq counter $45.00 shipped
>
> 6. Rainbow tuner
>   about %50 built $20.00 shipped
>
> 7.Ohr keyer kit
>   unbilt $20.00
>
> 8.MFJ codetutor - 411
> works good $30.00 shipped
>
> 9. Ten=Tec model ac 4 swr meter
> $20.00 shipped
>
> 10. Jade products iambic keyer
>   mounted in small plastic radio shack enclosure.. $25.00 shipped

>
> all above items shipped to conus , postal money orders appreciated.
> 72's
> Arol n1wcc
> n1wcc@juno.com
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 21:56:07 -0800
> From: "Radman" <radman@best.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23349] FOX -- huh, wha' fox?
> Message-ID: <199810280552.VAA27210@proxy4.ba.best.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Gang,
>
> Meanwhile, here in Six-Land it was more like listening for
> Amelia Earhart's last flight... eeeeeesh.
> .... two or three characters... maybe four... just a
> teaser thru the band noise. Then silence.
> I took off the *big* Koss headphones, powered-down the
> OHR-400, the 599-ZX and the SCAF.
>
> Some nites you get the fox... some nights he gets you.
> Guess, it's nature's way ;)
>
> next time .... ;)
>
> 72 -- Conrad -- NN6CW
>
>
>
> ------------------------------
>
> Date: Tue, 27 Oct 1998 09:28:43 +0700
> From: "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>
> To: <tpettibo@NMSU.Edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23350] Re: VR98GB?
> Message-ID: <019a01be0151$8445d3a0$b8e794cb@hs2jfw.bu.ac.th>

> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> VR98BG I guess not VR98GB.
> VR98 is a special prefix for HongKong. I'm sorry that I can't remember that
> why they use
> this prefix but VR98 is HongKong.
> ***
> Pornchai Semjang ,Joe   QRP-L #938
> HS2JFW , N3YGP   QRP-HS#1
> Bangkok University
> semjang@lily.bu.ac.th
> pornchai@daisy.bu.ac.th
> HomePage "http://www.qsl.net/~hs2jfw"
> Callbook Thailand "http://hs2jfw.ml.org"
> ***
> -----Original Message-----
> From: Tim Pettibone <tpettibo@NMSU.Edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: 26   2541 21:47
> Subject: VR98GB?
>
> >Gang:
> >
> >I know VR98GB is in zone 24 (he told me so) but what's the country? If
> >you're lucky I won't post my CQWW SSB QRP report!
> >
> >Tim K5OI
> >
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 03:27:19 EST
> From: we6w@juno.com (Ed Loranger)
> To: radman@best.com
> Cc: qrp-l@Lehigh.EDU
> Subject: [23351] Re: FOX -- huh, wha' fox?
> Message-ID: <19981028.002846.4943.1.we6w@juno.com>
>
> Hi conrad et. al. It is really too bad I had
> to preside at my horseshoe club meeting. My last
> official act as President as my 2 years is up come
> Jan. 1st. But did get in some hunting time for
> about 35 minutes. Actually didn't hear Kevin
> the first half hour. But after a nice ragchew

> with fellow fox hunter Tom/wb5qyt, I found
> Kevin and heard all our friends. Yes Folks,
> without the Resonant Speaker he was telepathy!
>
> So I hope I helped my fellow 6-landers find him.
> I made the call about 5 or 6 times but had to run.
>
> I know I cud have worked him given the time...
>
> I'm hoping to have a fox literature story soon.
> Just too busy to write any as of yet.
>
> Thursday will be mine to catch the Fox!
> -Ed
> 72, Ed WE6W QRP-Z#106 http://www.qsl.net/we6w
> Enjoying Ham Radio every day! Santa Rosa, CA.
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 03:27:19 EST
> From: we6w@juno.com (Ed Loranger)
> To: adams@ticnet.com
> Cc: qrp-l@Lehigh.EDU
> Subject: [23352] Re: Elmer200: Class attendance
> Message-ID: <19981028.002846.4943.0.we6w@juno.com>
>
> Hey Chuck, Gang. FB on the Elmer 200 class.
>
> Regarding notebooks (I'm hoping this isn't another
> silly thread....)
>
> I absolutely recommend one of my favorites I've
> ever used and still have one right here by my side!
>
> It is Blueline A796-01 Record/Registre. (200 numberd
> and sewn pages!)
>
> But the 300 page is even better: A7963-01.
>
> I don't use it in the sequential manner but instead
> Prefix it with Table of contents on page 1 thru 4.
>
> Accounts/contacts/phone numbers pages 5-10.

> Pages 11-20 are PROCEDUREs Index (Page numbers referencing
> sequential steps in projects I have verified processes.)
> Pages 21-100 ==> PROJECTS!!!
> Pages 101-150 ==> Hardware and RF Notes.
> Pages 151-190 ==> Software Notes
> Pages 191-200 ==> Reference Information.
>
> Also, I add a plastic pocketed sheet on the inside
> back cover and tape it in good. The pockets hold
> index cards etc. associated with current and past
> projects etc...
>
> I have survived MANY customer disasters by taking this
> book with me. They destroy the system hardware/software
> or what ever! I've got all pinouts, drawings, software
> hardware etc. tips -- anything I worked on has a procedure
> and expected problem list I have worked out.
>
> Along with the book comes an equally organized tool kit
> both hardware and software.
>
> One manager joked: "You can send this guy [me] into the
> woods with a Bowie knife and some rope and he'll come
> back with a bear."
>
> Just don't give me too much rope :)
>
> -ED
> 72, Ed WE6W QRP-Z#106 http://www.qsl.net/we6w
> Enjoying Ham Radio every day! Santa Rosa, CA.
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 02:14:42 -0800
> From: Dave Fifield <fifield@pacbell.net>
> To: Grant Taylor <k7gt@qsl.net>, QRP List <qrp-l@lehigh.edu>
> Subject: [23353] NC20 kit...anyone want to sell theirs? (& FOX)
> Message-ID: <3636EE92.19F9@pacbell.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>

> Grant,
>
> Thank you for the kind words.
>
> Great minds think alike (or is it "fools never differ"?)...
> for I too am planning on putting an NC20 on 40m. I was intending
> to hammer out the details after the kits are shipped and post
> the conversion here as a courtesy. Should be easy to do. It'll
> make a nice 40m fox hunting rig I hope (although I'm hardly
> ever home from work in time to catch the fox, oh well).
>
> 72 fer now,
> Dave Fifield, AD6AY
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 06:56:09 EST
> From: K4NK@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23354] manual
> Message-ID: <3f9f63e9.36370659@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Gang;
>   I would be willing to pay $10 for a copy of the Sierra manual. Please E-
> mail me direct. Thanks
>   Les K4NK
>
> K4NK@aol.com
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:20:51 -0500
> From: n3fel@juno.com (Howard D Rubin)
> To: w5usj@webwide.net
> Cc: qrp-l@Lehigh.EDU
> Subject: [23355] materials: low loss coil forms
> Message-ID: <19981028.072058.8782.0.n3fel@juno.com>
>
> Chuck,
>
> Good input on dissipation factor vs dielectric constant. I guess I tend
> to lump the two together, but they are very different concepts. It seems
> to me that the dissipation factor is involved in the Q-ness of the
> completed coil solution and not particularly the resonant frequency. The

> dielectric constant would very definitely affect the resonance if it
> increased the distributed capacitance across the windings. So a coil
> solution for VHF or UHF might have some dissipation factor, but better
> not have much dielectric constant, else it would self resonate at an
> undesirable frequency.
>
> While we're on the topic, how would I reliably measure the dissipation
> factor of a coil using teflon or polystyrene compared to a similar air
> core winding? I am thinking of an impulse test to determine how severe
> the damping due to high dissipation factor. Trying to measure phase
> angle at VHF frequencies might be a challenge. Any comments from the
> group?
>
> Howard, N3FEL
>
> On Thu, 22 Oct 1998 19:54:16 -0500 Chuck Carpenter <w5usj@webwide.net>
> writes:
> >Howard,
> >
> >Another information source is "Reference Data for Engineers: Radio,
> >Electronics, Computer, and Communications" published by Sams
> >(originally by
> >IT&T).
> >
> >It lists dissipation factors of most insulating materials up to 2.5 x
> >10 to
> >the 10th Hertz.
> >
> >>Polyphenelyne Sulfide Glass-reinforced R-4 which has a dissipation
> >>factor of 0.0014 at 1 MHz.
> >
> >>Polystyrene Polymer which has a dissipation factor of 0.0001-0.0003
> >at 1KHz.
> >
> >The base materials for these plastics are listed but not as used with
> >other
> >materials. The dissipation factors are low at the highest frequencies
> >tested
> >
> >Why not use teflon? It has a lower dissipation factor and is likely
> >to be
> >more readily available in the form factors you may be using. Teflon
> >also
> >has a lower dielectric constant which will keep the distributed
> >capacitance
> >lower.
> >
> >72/73 -- Chuck, W5USJ, EM22cv, Point, Rains County - Eagle Capital of

> >Texas
> >
> >
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:36:23 -0500
> From: "Paul Helbert, Wv3j" <phelbert@rica.net>
> To: KF4EIB@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23356] Re: QRP @ Jones Lake State Park....Knightlites
> Message-ID: <36370FC7.5CFE49BE@rica.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I've been very fast with the delete key lately. WHAT qrp
> gathering?
>
> Thanks,
>
> Paul
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:50:03 -0500
> From: w2bj@juno.com (Barry J Minsky)
> To: cw@qth.net, qrp@qth.net, qrp-l@lehigh.edu
> Subject: [23357] KEYER
> Message-ID: <19981028.075004.-228091.0.w2bj@juno.com>
> MIME-Version: 1.0
> Content-Type: text/plain
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I want to thank everyone who responded to my post about the Super CMOS
> III> I am ordering one today. Thanks again.
> 72/73,
> Barry J. Minsky, W2BJ
> ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
> Knightlites, Adventure Radio Society #359,
> Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
> Club #3723

> Amateur Radio Missionary Service
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:53:48 -0500
> From: Scott Howell <whowell@hq.nasa.gov>
> To: Ed Tanton <n4xy@att.net>
> Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23358] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
> Message-ID: <3.0.5.32.19981028075348.007cda00@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> this is true however, what I was saying is that a dual lever paddle can't
> be iambic just because its a dual lever paddle. I have always been told
> that although it has two switches, you wouldn't say the paddle is iambic,
> but the keyer is. Perhaps I am wrong, but this is how it has been explained
> to me. I guess then you couldn't call a bug iambic.
> Interesting. How about defining iambic. I haven't a dictionary handy, but
> is it the alternating dots and dashes that make it iambic? what if the
> keyer gave dits on one side and dashes on the other. WOuld this then mean
> the keyer is not iambic. In other words if you held both paddles together,
> you would get one or the other, but not both.
> hmmmm not to turn this into a debate, but just pointing out what I have
> been told.
>
> 73 de Scott/n3byy
> Laurel MD
>
> At 10:08 AM 10/27/1998 -0500, Ed Tanton wrote:
> >Hi Scott... oh yes there is... a single lever paddle can NEVER be used as
> >an iambic paddle, with an iambic keyer, because you can never close both of
> >its contacts at once.
> >
>
> ------------------------------
>
> Date: Wed, 28 Oct 98 07:57:28 EST
> From: jeverhar@cse.l-3com.com
> To: njqrp@njqrp.org
> Cc: qrp-l@lehigh.edu
> Subject: [23359] Re: fox
> Message-ID: <9810281257.AA16474@train11.cse.l-3com.com>
>
> Gang,
>
> Skunked again! Not much time to spend looking for ol furry-tail but I did not
> hear apeep (bark?) out of him. Even the hunters wre tough to find. Think I

> did hear Clif, AB5UA get him.
>
> NYC is so close and yet so far away...
>
> This will seriously hurt the NJ Diddles scoring!
>
> 72/73,
>
> Joe E., N2CX
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 08:02:26 -0500
> From: "C. Lamar Derk" <n3at@epix.net>
> To: Low Power amateur discussion <qrp-l@lehigh.edu>
> Subject: [23360] KC 1
> Message-ID: <363715E2.6BA@epix.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Thank you to all who have replied to my question re the KC 1. I have the
> info I need, and am now "back in business" on the 40 A.
>
> 72 de Lamar
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 06:32:54 -0500
> From: Jim Lyons <jlyons@CAM.ORG>
> To: qrp-l@lehigh.edu
> Subject: [23361] Tuesday's Fox
> Message-ID: <3.0.5.32.19981028063254.00817e10@pop.hip.cam.org>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Last night I had supper with AA5TB (from this list) who is in town for a
> convention.
>
> As a result I was only able to hunt for the last 30 minutes. During that
> time I couldn't hear the fox and could barely hear any hunters. So I drew
> another blank :(
>
> Oh well, perhaps Thursday will be better.
>
> Steve and I had a great time chatting about QRP so the evening was a big
> success despite the fox's escape.

>
> Jim, VE2KN
> Montreal
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:38:46 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: W9SUL <pugrad@millcomm.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23362] Re: ZOMBIE SHUFFLE - Novice/Tech + 40 meters
> Message-ID: <Pine.LNX.3.95.981028073721.1096C-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> I will also check the Novice freqs...I'm "dead" sure of
> that...yeah,yeah,yeah, I know...a real groaner!...:-)..
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> "QRP! How sweet it is!"
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 07:40:44 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: Monte Stark <ku7y@dri.edu>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23363] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <Pine.LNX.3.95.981028073935.1096D-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Hey Ron....I think we've got Joe right where we want him eh?....now Joe,
> about the K2 that I want.....heh,heh,heh.....
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> "QRP! How sweet it is!"
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 05:53:33 -0800 (PST)
> From: Brad Bradfield <b_bradfield@yahoo.com>
> To: qrp-l@lehigh.edu
> Subject: [23364] FS: BENCHER PADDLES
> Message-ID: <19981028135333.6829.rocketmail@send201.yahoomail.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>

> Good morning friends and neighbors - -
>
> I have for sale a set of Bencher paddles. These are the standard
> model with black base. The paint on the base and the rest of the
> paddles are in excellent shape. Used, but in the original Bencher box.
>
> Price: $40.00 plus $5.00 S&H in the lower 48. Outside that, whatever
> the actual shipping cost is.
>
> If I don't get a buyer from the QRP-L by Friday morning, I'll list it
> on Ebay, but I'd rather try to sell it here first.
>
> Remember: "Real men talk with their fingers!!" (No stupid, not that
> finger!!!)
>
> 72's es 73's,
>
> Brad, WB0CGH
>
> ==
> Brad Bradfield, PE   WB0CGH   Systems Engineer
> 108 Forestwood Dr.   Raytheon Systems Company
> Corinth, TX 76205   Lewisville, TX 75069
>
> QRP-L #377
> ARS   #72
> Austin QRP Club #e
> ____
> DO YOU YAHOO!?
> Get your free @yahoo.com address at http://mail.yahoo.com
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 05:59:01 -0800
> From: "Radman" <radman@best.com>
> To: <w2bj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23365] Re: KEYER (CMOS-III)
> Message-ID: <199810281355.FAA02013@proxy4.ba.best.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Barry,
>
> I'm a *big* fan of the Super CMOS-III. The "kit" is
> available only thru Idiom Press. However, the K-3
> (Logikey) fully-packaged version is available thru HRO in

> Sunnyvale, CA and presumably other HRO's across the US.
> The HRO price (working from memory at 5am) is about
> $110-$115 (fully assembled) and there's an "interconnnect
> cable kit" for about $12 - $15. I'm not aware of any other
> packaged versions of the CMOS-III or K-3 product.
> Impressions of the K-3 packaging... it's sort of MFJ-ish
> in look and feel. It's OK. I believe Idiom/Logikey is
> looking at the home QTH for this K-3 product, rather than
> QRP field use. My opinion is you'll have more fun
> packaging your own, to fit your needs.
>
> If you order the kit, you'll need to source all (6)
> momentary contact memory switches, battery connector,
> speaker, Vol pot, Speed pot, jacks, etc, etc -- as well as
> the enclosure.
>
> FYI, Over the past year I've been working on miniature
> packaging schemes for the Super CMOS-III. I'm close to
> posting/publishing an article on a ruggedized, compact
> field-ready version that will survive a Canadian hockey
> team and be the envy of the US Navy Seals ;) Coming
> soon.... :-)
>
> My own CMOS-III ? Two years running on 3 - "AA" alkaline
> cells - still ticking. Very common story. I love these
> keyers :-)
>
> GL -- let us know how you package it,
>
> 72 - Conrad - NN6CW
> **********
>
> I want to thank everyone who responded to my post about
> the Super CMOS
> III> I am ordering one today. Thanks again.
> 72/73,
> Barry J. Minsky, W2BJ
> ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS
> #2701,
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 08:42:22 -0500
> From: w4bws@juno.com (Donald E Sanders)
> To: bgeipel@primenet.com
> Cc: qrp-l@Lehigh.EDU
> Subject: [23366] Re: Official ZOMBIE SHUFFLE Rules
> Message-ID: <19981028.085923.3702.0.w4bws@juno.com>

>
> How about CQ BOO ?
> Donald Sanders W4BWS
> 694 E. Eau Gallie Blvd. Satellite Beach, FL 32937
> 407-779-0222   Fax 407-779-0830
> W4BWS@juno.com
> My favorite QRP rig glows in the dark
>
> On Mon, 26 Oct 1998 17:14:19 -0800 "Barry L. Geipel"
> <bgeipel@primenet.com> writes:
> >
> >So how does one call CQ for the Zombie Shuffle?
> >
> >CQ ZOMBIE
> >CQ UNDEAD
> >CQ CREATURES OF THE NIGHT
> >CQ HALLOWEEN
> >
> >72/73 de KF6RDI/AG - Barry
> >
> >
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:11:16 -0500 (EST)
> From: "Paul R. Valko" <prvalko@oakland.edu>
> To: Joe Gervais <vole@primenet.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23367] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <Pine.OSF.3.95.981028090841.29435C-100000@vela.acs.oakland.edu>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Tue, 27 Oct 1998, Joe Gervais wrote:
>
> > Does anyone know the status of the N/T+ Foxii? Haven't
> > heard a yelp from any of them so far. Kinda looking
> > forward to having another pack of the critters upgrade
>
> The NT foxhunt will begin in a couple weeks, as mentioned earlier. I
> think it's even in the first foxhunt post that the NT foxhunt would start
> in November.
>

> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
>
> <http://www.acs.oakland.edu/~prvalko>
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:19:51 -0500 (EST)
> From: "Paul R. Valko" <prvalko@oakland.edu>
> To: QRP List <qrp-l@lehigh.edu>
> Subject: [23368] FOX: NEWSFLASH!!! W8KC works RIT!!!
> Message-ID: <Pine.OSF.3.95.981028091602.29435E-100000@vela.acs.oakland.edu>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Contrary to popular belief, I have nothing against using RIT either
> as a FOX or HOUND, or any other QSO I happen to run into.
>
> SOOOoooooOOOO... look who's in the fox log this week... right near the
> top. :-)
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
>
> <http://www.acs.oakland.edu/~prvalko>
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:27:47 -0500
> From: ke6zx@juno.com (Fred J Kalt)
> To: qrp-l@Lehigh.EDU
> Subject: [23369] Fw: Re: Official ZOMBIE SHUFFLE Rules
> Message-ID: <19981028.092747.-911839.1.ke6zx@juno.com>
> MIME-Version: 1.0
> Content-Type: text/plain
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi gang,
>
> wondering if we could set one way only to call for the Zombie Shuffle.
> It would be nice to be able to recognize the others quickly who are out
> there wanting to participate.
>
> Thanks,
>
> Fred KE6ZX
> Lakeland, FL

> W5YI-VE   Skywarn #POL-007   Polk County ARES Net Manager   AR QRP
> #233   QRP-L #1728
>
> --------- Forwarded message ----------
> From: w4bws@juno.com (Donald E Sanders)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Date: Wed, 28 Oct 1998 08:42:22 -0500
> Subject: Re: Official ZOMBIE SHUFFLE Rules
> Message-ID: <19981028.085923.3702.0.w4bws@juno.com>
> References: <199810270112.RAA25534@newspaper.cwi.com>
>
> How about CQ BOO ?
> Donald Sanders W4BWS
> 694 E. Eau Gallie Blvd. Satellite Beach, FL 32937
> 407-779-0222   Fax 407-779-0830
> W4BWS@juno.com
> My favorite QRP rig glows in the dark
>
> On Mon, 26 Oct 1998 17:14:19 -0800 "Barry L. Geipel"
> <bgeipel@primenet.com> writes:
> >
> >So how does one call CQ for the Zombie Shuffle?
> >
> >CQ ZOMBIE
> >CQ UNDEAD
> >CQ CREATURES OF THE NIGHT
> >CQ HALLOWEEN
> >
> >72/73 de KF6RDI/AG - Barry
> >
> >
>
> _____ You
> don't need to buy Internet access to use free Internet e-mail. Get
> completely free e-mail from Juno at http://www.juno.com/getjuno.html or
> call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 08:31:52 -0600
> From: Jim <kj5tf@madisoncounty.net>
> To: qrp-l@lehigh.edu
> Subject: [23370] Fireball 10M xmtr
> Message-ID: <36372AD8.5BE6@madisoncounty.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit

>
> >Hi Jim,
>
> >What's a fireball? Sounds interesting, now 10m is picking up. Is it a
> >commercial design or kit or homebrew? I'd like to know.
>
> >Best regards,
>
> This email showed up today from John in G land. The only article I still
> can find on the Fireball is in the QRP Quarterly April 1993 p. 24.
> I emailed the writer WB8ELK, hope to hear from him.
> The inventer of the rig is Bob Moody K7IRK wo lives in Texas. But no
> email address was found.
> There was an article in November 1990 issue of 73 p. 12 & 18. And one in
> Radio Fun March 1992.
>
> Basicly the rig consists of a computer clock oscillator module. The
> article lists Digi-Key CTX128 for 30mw, or X131 for 8mw. It lists 28.332
> and 28.060.
>
> It would be great if a diagram was available on the WWW, anyone seen
> anything?
>
> Looking at the diagram in QRPQ it goes like this; pin 7 is ground, pin
> 14 is pwr in/keying, and pin 8 has a 0.01uF cap in route to the antenna
> connector. Power is 5 or 6 volts. Btry - connects to ground/pin 7, and
> braid at the antenna connection. Hope I got it all right! hi
>
> You'll need a switch to go from XMIT to RX.
>   Have fun, Jim AR QRP #2 Fireball #181
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:39:42 -0500
> From: "Ed Hare, W1RFI" <ehare@arrl.org>
> To: qrp-l@lehigh.edu
> Subject: [23371] Re: ARRL QRP article re. Tokyo HyPower Rig
> Message-ID: <36372CAE.7AD0@arrl.org>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Dennis Terribile wrote:
>
> > Anyhow, N1RL was kind enough, and i guess impressed enough to do this
> > little piece.
>

> > Sorry,but to log onto this ARRL site you need to me a member. And yes, I am
> > affiliated,etc<g>
>
> So am I. :-) To log on to the ARRL members-only page, go to:
>
> http://www.arrl.org/members-only/
>
> and, the first time you log in, have your membership number handy (from
> your QST mailing label). You can self-assign a password and use it for
> future log ins.
>
> One of the neatest things there is that we publish an advance look at
> the QST Product Reviews, and *PDF files of all past reviews since 1990!
> And, not to let the cat out of the bag, but I am planning a special
> surprise for the Web version of Product Reviews -- it should be ready in
> a day or two!
>
> 72 from the ARRL Lab
> Ed Hare, W1RFI
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 06:44:56 -0800
> From: "Frank Grigaliunas" <fgrig@iea.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23372] FS: 38 Special--partially built
> Message-ID: <199810281445.GAA08763@comtch.iea.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I have a partially built 38 Special, but it's been sitting in the drawer
> too long, and I want to move it out to make room for something else.
>
> This one has all the components mounted for the standard configuration,
> except for one 220 pF capacitor, which got lost. The ICs are mounted in
> sockets, rather than being soldered directly to the board. I also have the
> RIT, keyer, and 5-watt components; they have not been installed.
>
> If you'd be interested, I'd send the lot of it off to you by priority mail
> for $45.00.
>
> --Frank, AB7YT
>
>   Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
>   fgrig@iea.com -=*=- (509) 326-7147 -=*=- http://www.iea.com/~fgrig/
>   "The Internet doesn't annoy people. People annoy people"

>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 10:00:43 -0500
> From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
> To: qrp-l@lehigh.edu
> Subject: [23373] 2N2/40 FOX Contact
> Message-ID: <3.0.1.32.19981028100043.006d4764@mail49.mci2000.com>
> MIME-version: 1.0
> Content-type: text/plain; charset="us-ascii"
>
> Gang...for those interested, I got my 2N2/40 rig back
> yesterday from Paul, NA5N, where it was undergoing
> testing, to collect data for the upcoming Winter QRPp
> article. This is the rig that won the Wayne Burdick, N6KR
> proposed, and NorCal sponsored 2N2222 design contest.
> Since one of the reasons for building the
> 2N2222 rig for forty meters was to chase FOX, I did
> just that. Worked N2TO at 0121Z according to my
> clock. 559 report from a 1.5 watt, 100% home
> brew transceiver, non-IC transceiver.
>
> After the hunt, I went after a bit of DXing, and
> worked EA1DGA with 579 report, and TG9AOC with
> 599. (Not likely! ;-))
>
> Over the summer, I (and others) have been working on
> a "mega article" for the Winter Issue of QRPp detailing
> this rig. The article will show you how to build the
> same rig, only on a larger footprint, so that even
> new builders will be successful.
>
> Enough for now, but keep tuned to this channel
> for more information on the 2N2/40.
>
> 72, kind regards, than thanks for the bandwidth.
>
> Jim, K8IQY
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:22:26 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: Donald E Sanders <w4bws@juno.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23374] Re: Official ZOMBIE SHUFFLE Rules
> Message-ID: <Pine.LNX.3.95.981028092121.9708B-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0

> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> I'll vote for "CQ BOO".....right on eh?....
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> "QRP! How sweet it is!"
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 08:28:19 -0700
> From: Brad Mugleston <bmug@gwl.com>
> To: "'qrp-l'" <qrp-l@lehigh.edu>
> Cc: Stewart Beasley <COMPLIANCE/COMPLIANCE/sley@gwl.com>
> Subject: [23375] WEB Page Help - non Radio
> Message-ID: <01BE024C.EC77D940.bmug@gwl.com>
>
> I have a problem and I am asking the most diverse group of people I know.
> Looking at most of your signatures I notice most of you have a web page so
> here is my problem.
>
> Currently, we have a Web Page that queries an Access Database table.
> To generate this table, I have created a query from a separate Access
> Database that creates a table in the database linked to the webpage.
>
> The webpage has problems reading long words or spaces in a column name and
> reading items that are not formatted as text (i.e.. date/time, numbers), and
> unfortunately, the main database utilizes both spaces and long names for
> column headers and has several different data formats.
>
> I am trying to have the query automatically format the data into text and
> to rename the columns so that they have no spaces and have a shorter name
> in the new database table that the query creates. I've written the query so
> that it will display different names when ran but when it runs and saves as a
> table it uses the old (longer) names.
>
> My solution would be to either have the query save the data using shorter names
> and change the format to all columns to text OR have the webpage be able to
> read the longer names (including spaces) and read fields in a format other than
> text (date/time and numeric).
>
> Thanks,
>
> de KB0ROL, Brad
>
> OBTW, required QRP related item. If I get this done I can get home a little
> earlier and play radio (or study for my upgrade).
>
> ------------------------------

>
> Date: Wed, 28 Oct 1998 10:47:04 -0500
> From: "Franco, Nicholas J" <franco@bnl.gov>
> To: qrp-l@lehigh.edu
> Subject: [23376] FOX: NHTF N2TO
> Message-ID: <7F3D7334ABE6D11196F500A0C9B426B61DBE@exchange.bnl.gov>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
>
> Never Heard The Fox!
>
> A few years ago we had the four letter codes in the subject of the Fox
> postings to help people know if they should read or delete the email message
> :-) There was IWTF (I Worked The Fox) - IHTF (I Heard The Fox) - and NHTF
> (Never Heard The Fox) and maybe a couple others that were developed over
> the season.
>
> Anyway: I hardly heard the frey and I thought I heard part of the Fox once
> but it was probably imaginary. I think Kevin is about 50 miles West of me
> and his signal just flew over my head and out of reach.
>
> I also had my Daylight Savings Time internal clock still in effect. I saw
> his 0100 start time, but thought that would be 2100 EDT, However it is now
> EST and I joined the hunt over an hour late at 0220. A strange night
> overall. I thought I would have heard many more hunters in the pile up.
> Maybe the RIT thing threw some off the scent. He did announce the use of
> RIT so we should have been ready for this wiley critter.
>
> Sounds like you did a great job from the other reports, Kevin. I catch you
> one of these days ;-)
>
> 72,
> Nick - KF2PH
> QRP-L # 13 . .
>
> PS: Since I had to unsubscribe and re-subscribe, I didn't go on the Digest
> so I'm getting message as they come again. I'll see how long I can keep up.
> It's good to be a part of the group again :-)
>
> --
> Nicholas J. Franco   <><   BROOKHAVEN NATIONAL LABORATORY
> Systems Administrator   RHIC Project   Building 1005
> Tel: (516) 344-5467   UPTON, NY   11973-5000
> Fax: (516) 344-3674   Ham Call: KF2PH
> Email: nickf@bnl.gov   http://www.rhichome.bnl.gov/People/franco
>
> ------------------------------

>
> Date: Wed, 28 Oct 1998 07:49:35 -0800
> From: Bill Jones <kd7s@psnw.com>
> To: ham-pic@qth.net, qrp-l@lehigh.edu
> Subject: [23377] RE: Huff-n-Puff VFO & PICS
> Message-ID: <36373D0F.8DA91A62@psnw.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Thank you, my friends, for your responses to my query for more
> information on using a PICs to implement a huff-n-puff VFO stabilizer.
> I now have several references and am in the process of absorbing the
> information as time permits.
> --
> ========================
> Bill Jones - KD7S <><
> Sanger, California
> http://www.psnw.com/~kd7s
> ========================
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:01:06 -0700 (MST)
> From: Joe Gervais <vole@primenet.com>
> To: ku7y@dri.edu (Monte Stark)
> Cc: qrp-l@lehigh.edu
> Subject: [23378] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <199810281601.JAA24221@usr02.primenet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=US-ASCII
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Howdy!
>
> Ron (KU7Y) wrote:
> >
> > > but with an empty litter there won't be any Foxlettes to train.... :-(
> >
> > Does your wife know your out looking for Foxlettes?
>
> Yes, but she made it clear this Hound is only allowed
> to *look*, otherwise she's gonna make an appointment
> for me at the vet.
>
> Hey wait, she already did that. :-) Man, I'll never

> look at a 100W Weller the same again.... DOH! =8-O
>
> Paul - thanks for the info re: N/T+ Foxii in November.
> Sure hope the critters are chomping at the bit! My
> Dread Fox Raider 3000(tm) antler and Sierra are
> standing by!
>
> Cheers de AB7TT,
>
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
> "If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 11:03:31 EST
> From: ARDUJENSKI@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23379] FOX QRM?
> Message-ID: <2ea2bd4e.36374053@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> For the past 3 foxes, there have been two QRO stations that move in on top of
> the FOX hunt and sit there for about an hour. They are too fast for be to copy
> (so can't be one of us fellow brass pounders). Filters all the way crunched
> down tight makes the fox extrememly difficult to copy in the pile up. I was
> wondering if any of you other folks experience the same problem or if it must
> be some local operators?
>
> Alan KB7MBI
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 10:16:42 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: ARDUJENSKI@aol.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23380] Re: FOX QRM?
> Message-ID: <Pine.LNX.3.95.981028101455.18747B-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> ....I've observed the same thing here.....
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683

> "QRP! How sweet it is!"
>
> On Wed, 28 Oct 1998 ARDUJENSKI@aol.com wrote:
>
> > For the past 3 foxes, there have been two QRO stations that move in on top of
> > the FOX hunt and sit there for about an hour. They are too fast for be to copy
> > (so can't be one of us fellow brass pounders). Filters all the way crunched
> > down tight makes the fox extrememly difficult to copy in the pile up. I was
> > wondering if any of you other folks experience the same problem or if it must
> > be some local operators?
> >
> > Alan KB7MBI
> >
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 11:18:51 EST
> From: we6w@juno.com (Ed Loranger)
> To: ctrask@primenet.com
> Cc: qrp-l@Lehigh.EDU
> Subject: [23381] Re: Tapped Transformers
> Message-ID: <19981028.082019.4951.0.we6w@juno.com>
>
> This Transformer winding thread is neat. And it is
> a 'Core' part of ham radio :)
>
> Often overlooked is one of my favorite transformers.
>
> Note: Please understand I'm writing this from memory.
> Constructive corrections welcomed and flames
> can be placed in the space provided ===>   >.<
> (Couldn't resist :) I saw that in a sig. file...
>
> The 'Candelabra' or 'Coil' balun. I'm no expert,
> just a ham who very intently reads his handbooks
> and those on the shelves of my engineering coworkers :)
>
> For the inquisitive, the coil balun (also a transformer) is
> typically used in certain applications where the source/load impedence
> is known. Such is the case when feeding push-pull transistor
> circuits and also Log periodic antennas.
>
> The transformer windings (Twisted or otherwise) and in some cases
> the wire length (1/4) wavelenth come into play. First the transformer
> windings are transmission lines in this type.   The spacing and
> wire diameter sets the parallel transmission line impedance and
> is the geometric mean Zo=(Zi^2+Zl^2)^.5
>

> Depending on the application, the windings can be 1/4 wavelength
> long at the lowest frequency, but this us usually in air core
> transformers.
>
> A most common candelabra balun is 100 Ohm Zo trans. line in
> a 4:1 Balun Transformer for 50:200 Ohm applications.
>
> Back issues of the "Communications Quarterly" $10.00 each, but
> available at my tech. library have a series on these. The series
> covers a 2-1/2 year period from 1992 to 1995 or so. (+/- my memory)
>
> Of particular note is the use of carefully taped. parallel wires
> to preserve the Zo of the xmsn line.
>
> These baluns are very neat and efficiencies up in the 99.5 %!
>
> I believe current issues of the ARRL Antenna Hdbk and Amateur
> Hdbk cover the Coil/candelabra balun at the end of one of
> the sections. I recall examples employing 1/4 wave lines in
> air and also toroids feeding balanced antennas and splitter
> inputs to push-pull transistor stages.
>
> Check it out, its good stuff.
>
> Oh, for taps in transformers, I make a larger loop while winding.
> I then cut the loop at the farthest point and scrape off the enamel
> coating. I then twist these wires tightly and down to the
> core. I solder then cut it flush. Never had a problem this way.
> Of course, if the tap goes to a PC board, you cut it less-flush.
> (Hee, like these new-fangled toilets.....:)
> That should wind it up for now.
>
> 72/ed
>
>
> 72, Ed WE6W QRP-Z#106 http://www.qsl.net/we6w
> Enjoying Ham Radio every day! Santa Rosa, CA.
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 08:23:52 -0800 (PST)
> From: Brad Bradfield <b_bradfield@yahoo.com>
> To: qrp-l@lehigh.edu

> Subject: [23382] re: BENCHER PADDLES
> Message-ID: <19981028162352.9468.rocketmail@send201.yahoomail.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>
> The Bencher paddles are asked for. If I get any more responses,
> they'll go on the waiting list.
>
> 72's es 73's,
>
> Brad, WB0CGH
>
> ==
> Brad Bradfield, PE   WB0CGH   Systems Engineer
>   Raytheon Systems Company
> Real men talk with their fingers!!
>
> QRP-L #377
> ARS   #72
> Austin QRP Club #e
> ____
> DO YOU YAHOO!?
> Get your free @yahoo.com address at http://mail.yahoo.com
>
> ------------------------------
>
> Date: Wed, 28 Oct 98 16:48:25 +0000
> From: n4elm@texoma.net
> To: qrp-l@lehigh.edu
> Subject: [23383] WTB: SST kit or built
> Message-ID: <199810281648.KAA05497@mail.texoma.net>
>
> Looking for a Widerness Radio SST kit for 20 meters or maybe 40 meters.
>
> 73 - Dave,
> N4ELM
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:50:28 -0700
> From: Roy <marion@montana.com>
> To: ARDUJENSKI@aol.com
> Cc: qrp-l@Lehigh.EDU
> Subject: [23384] Re: FOX QRM?
> Message-ID: <199810281648.JAA15859@paw.montana.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>

> At 11:03 AM 10/28/98 -0500, you wrote:
> >For the past 3 foxes, there have been two QRO stations that move in on top of
> >the FOX hunt and sit there for about an hour. They are too fast for be to
> copy
> >(so can't be one of us fellow brass pounders). Filters all the way crunched
> >down tight makes the fox extrememly difficult to copy in the pile up. I was
> >wondering if any of you other folks experience the same problem or if it must
> >be some local operators?
> >
> >Alan KB7MBI
> >
Not only those guys,   also some other
> intentional QRMer's copied here in MT. No idea why the do it. I didn't
> hear the fox at all last night, so they weren't there. But If the fox is
> hearable, they usually show up. The worst one I get hear is just dits or a
> big carrier. Sad but true. Roy AB7CE
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 12:07:49 -0500
> From: "David Hurley, n2zhy" <n2zhy@amsat.org>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23385] Re: Official ZOMBIE SHUFFLE Rules
> Message-ID: <36374F65.A4E211CA@amsat.org>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I like "cq boo" too!
>
> David,n2zhy
> Princeton,NJ
>
> Bruce Rattray wrote:
> >
> > I'll vote for "CQ BOO".....right on eh?....
> >
> > ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> > "QRP! How sweet it is!"
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 10:10:44 -0700
> From: n0bfqrp@juno.com (Stephen c Stuntz)
> To: qrp-l@Lehigh.EDU
> Subject: [23386] FCC license adress change
> Message-ID: <19981028.101045.14414.0.n0bfqrp@juno.com>

>
> How can I change my license adress on the web? I tried the
> http:/www.fcc.gov/wtb/uls/ page without any success.
>
> Thanks.......
>
> Stephen Stuntz N0BF
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:20:35 -0800
> From: dave_epps@juno.com
> To: qrp-l@lehigh.edu
> Subject: [23387] Rotatable 40 mtr dipole
> Message-ID: <19981028.092035.6678.2.dave_epps@juno.com>
>
> I put a roof-mount tripod on a base with wheels and can move one end of
> the dipole for any direction I want. The base is weighted and I don't
> move it
> while extended. One of the portable basketball backboard units looks to
> be ideal for this.
>   dave ab5pc fresno, ca.
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 09:12:58 -0800
> From: dave_epps@juno.com
> To: qrp-l@lehigh.edu
> Subject: [23388] Ultra-Light Antenna
> Message-ID: <19981028.092035.6678.1.dave_epps@juno.com>
>
> I know it isn't supposed to work. Ribbon cable as feedline? (HUH)
> Used zip cord years ago. Doing crazy things like this is what happens
> when
> you don't really know a whole lot and still like to build. I build a lot
> of things
> that are supposed to work and don't and every once in a while I build
> something that isn't supposed to work and "IT DOES".

> Don't tell my HW-8 it won't work.
>   dave ab5pc fresno, ca.
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 12:26:17 -0500
> From: Scott Howell <whowell@hq.nasa.gov>
> To: qrp-l@lehigh.edu
> Subject: [23389] Tentec Omni V mod
> Message-ID: <3.0.5.32.19981028122617.0080c970@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
>   there is a mod for the Tentec Omni V allowing it to go below 7 watts or
> there about.
> Does anyone know what this mod is? what parts do I need, and would it
> affect the rigs ability to run qro lets say about 100-110 watts?
> I would like to have the ability to go down to 1 watt or so on up to the
> 100 qro level.
>
> tnx to all.
>
> 72/73 de Scott/n3byy
> Laurel MD
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 11:52:28 -0600 (EST)
> From: Jim Glover <psykey@okcforum.org>
> To: qrp-l@lehigh.edu
> Subject: [23390] FOX: first attempt, no luck
> Message-ID: <199810281752.LAA20269@okcforum.org>
> Content-Type: text
>
> Having borrowed Bob, N5URL's OHR Explorer II (thanks, Bob!--QRP'er's
> are a great bunch!), I had my first shot at the fox last night.
>
> I got home around 0130Z and listened until about 0215Z, but couldn't
> locate either the fox, or the hounds. I find this rather odd.
>
> My 95-foot inverted Vee up 33 feet at the apex has been doing a good
> job for me, and 40M was just full of signals last night. I'm not
> real sure about this rig's frequency indicator. I've been hearing

> W1AW at what the rig says is just a notch above 7040 (more like 7041
> I suppose). Doesn't W1AW transmit on 7047.5? (Or is that only
> approximate?) So...I assume my frequency indicator may be off by
> as much as 7.5 kHz, so I tuned from 7020-something up through 7050
> on my dial. I found QSO's a-plenty, but no fox, and no pile-up.
>
> >From reading the FOX reports (when I have the patience!), I have
> gathered that it's not unusual to not actually hear the fox (makes
> sense; maybe propogation just isn't open that way on any given
> evening) but don't people normally at least hear some of the hounds?
>
> I wonder if there's a trick I might be missing.
>
> --Jim WB5UDE
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 12:48:54 EST
> From: Davewb4@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23391] FIRE-BALL FRATERNITY
> Message-ID: <313838cb.36375906@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang: I have seen some questions and interest in the FIRE-BALL. The fire-
> ball is a 10 meter 10mw (adjustible down) xmitter designed by k7IRK & WA6YPE
> There Company was, or still is, called   Smith Enterprises. They sold them
> around 1990. As I remember they were very inexpensive. ($10.00 rings a bell)
> In essence they are a clock oscillator on 28.060mhz with a 10 turn pot to
> adjust output and an RF relay. They were supplied with an official FIRE-BALL
> Fraternity QSL Card and your your Fire-Ball Number (Mine is FB-171) They also
> made one for 28.636 for SSB. With conditions on 10 getting better the FIRE-
> BALL would be lots of fun.The last address I have for SMITH ENTERPRISES is:
> Smith Enterprises Fire-Ball
> 48788 Silver Valley Rd.
> NewBerry Springs CA 92365
> Phone: 818 963-0079
> Might be time to dust off my FIRE-BALL
> 73
> Dave Rogers WB4CHK
>
>
>
> ------------------------------
>

> Date: Wed, 28 Oct 1998 12:08:31 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
> Subject: [23392] FOX:Team Scores log correction (fwd)
> Message-ID: <Pine.LNX.3.95.981028120356.28311A-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> ...we have a log correction which switches the positions of the Texas
> Tarantulas and the Brass Pounders...
>
> ...Team scores after hunt #6 - K8CV - ...
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> "QRP! How sweet it is!"
>
>   ******************************
>   The 40 mtr Fox Hunt Team Scores
>   ******************************
>
> ...the Kentucky Porch Houndz - 4.000 - hound -> KA8OKH
>
> ...the Houston Hounds - 3.900 - hounds -> K5ZTY,W5SB,KQ5U,KK5LD
> "CLEAN SWEEP!"
>
> ...the Vibro-Fox Finders - 3.800 - hounds -> KU7Y,K2VCO
>
> ...the Underdogs - 3.248 - hounds -> N4ROA,KI0II
>
> ...the Fox Nabbers - 2.997 - hound -> W0CH
>
> ...the Brass Pounders - 2.500 - hounds -> AB8DF,KB7MBI - CLEAN SWEEP!
>
> ...the Texas Tarantulas - 2.250 - hounds -> AB5WX,N5TW,W5HNS
>
> ...the Northern Lights - 1.998 - hounds -> VE2KN,VE5RC
>
> ...the Swords - 1.665 - hounds are still hungry
>
> ...the Jersey Diddles - 1.366 - hounds -> N2TO,N2WF
>
> ...the Team Apathy - 0.666 - hound -> hounds are still hungry
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:25:52 -0500
> From: Tom Palmer <n1tp@worldnet.att.net>
> To: ARDUJENSKI@aol.com

> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23393] Re: FOX QRM?
> Message-ID: <363761B0.AB9FC032@worldnet.att.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Alan and the group: Recently there has been QRM intentionally interfering with
> the FOXHUNTS, including people sending "QRL?" over and over again. It's a damn
> shame that a few LIDS can't stand it that other hams are having fun. 72/72 to
> all, Tom, N1TP, Naples, FL.
>
> ARDUJENSKI@aol.com wrote:
>
> > For the past 3 foxes, there have been two QRO stations that move in on top of
> > the FOX hunt and sit there for about an hour. They are too fast for be to copy
> > (so can't be one of us fellow brass pounders). Filters all the way crunched
> > down tight makes the fox extrememly difficult to copy in the pile up. I was
> > wondering if any of you other folks experience the same problem or if it must
> > be some local operators?
> >
> > Alan KB7MBI
>
> ------------------------------
>
> Date: Tue, 20 Oct 1998 17:18:22 -0500
> From: brian <brian@iquest.net>
> To: qrp-l@lehigh.edu
> Subject: [23394] QRP for anyone
> Message-ID: <362D0C2E.11F2@iquest.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Anyone that thinks that QRP is too hard, or too much work, needs to talk
> to me. I've been on the air with my Norcal 40A since Labor Day weekend.
> I just finished my 22nd state (WVa - KB8GDF) contact and have been
> poring over my log sheets. With my self built 40A, and my self built
> ZM-2 tuner, I have had 30 QSO's in less than 60 days (Vacation days
> help) and most have returned my QSL request. I QSL 100% of anything I
> trade a name and RST with. (HI HI)
>
> My CW speed isn't up to 15 yet but it's holding at a respectable 10 or
> so and maybe 13 on a good downhill day.....but in 60 days I've doubled
> my speed and had a lot of fun.
>

> If I can build a xcvr, and it works, anyone can. QRP has restored my
> curiosity of amateur radio, and CW has even increased my level of
> concentration (can't drink Diet Pepsi and do CW at the same time for
> some reason).
>
> With QRP CW, I'm sexier, healthier, more energetic, can run faster, leap
> further, and neighbors find me more interesting and knowledgable. Yes,
> QRP CW has turned my life around! Can somebody give me an FB?!?! Let me
> hear an FB!! Say, halleluja!! Say EFFFFFFFFF BEEEEEEEE!!!!! Gimme a
> QRL! Gimme a QRZ!! Don't gimme that "UR TOO WK"!!! Dig me out baby cuz I
> gots sumptin ta say to ya!! EFFFFFFFFF BEEEEEEEEE!!! EFFFFFFFFF
> BEEEEEEEE!!!
>
> NOTE TO READERS:
>
> The above mentioned KB9BVN has been severely restrained and whupped with
> the ugly end of a wet Wouff Hong. We're sure he'll regain his senses
> soon. Do not be alarmed. Remember, when operating RF generating
> equipment, it is best to be sure your gourd is covered in something non
> conductive...and don't sit too close to the feedline.
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 18:53:18 +0000
> From: Ed Loranger <we6w@qsl.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23395] Resonant Speakers and AIR-Wound mH inductors.
> Message-ID: <3637681E.4104@qsl.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Gang, I found a neat site (Actually quite a few lately...)
> that has good information on Audio loudspeaker enclosures
> etc. that may assist in Resonant speaker design or be
> applicable to the audio or even RF stages associted with
> radio design.
>
> Of particular note I am sharing this URL with a very straight-
> forward procedure for making coils in the High-milliHenry range.
>
> http://dragon.emich.edu/~zirk/audio/inductors.html
>
> And to share that I am really serious with this, here's
> a sampling of some of the 'Fun' I'm having -- Some
> patents I'm disecting:
> 4875546 loudspeaker with acoustic bp filter -- Palo Krnan, TEledyne

> Industries.
> 5025885 Multiple chamber loudspeaker system -- Thomas Froeschle, Bose.
> 4989187 Acoustic aparatus -- Kenji yokoyama, Yamaha Corp.
> 4410064 Bass Response spkr housing & tuning method -- For Klipsch.
> 5143169 Loudspeaker Diaphragm provided with rear load -- Mercedes-Benz
> AG.
> 5610992 Protable elec. device having a ported speaker enclosure --
> Hewlett-Packard.
>
> patent database on the web:
> http://patent.womplex.ibm.com/
>
> And in my spare time I'm on the air.....
> Food/sleep? What's that :)
>
> Acoustically yours,
> Ed we6w
> --
> 72, Ed WE6W (CW only/VP-0); http://www.qsl.net/we6w Santa Rosa, CA
> QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:41:08 -0500
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
> Subject: [23396] Fox: N2TO/Re: Toughest Yet
> Message-ID: <199810281849.NAA72932@pimout3-int.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Marshall,
>
> Thanks for the QSO last night, I appreciate it. Finally did get a chance
> to work you! I hear the FN and knew it was you and didn't want to give up
> at the end.
>
> Yes it was certaintly a learning experience for me. The QSB, QRN and QRM
> was at times unbearable. I have a new found respect for previous foxii and
> the foxii to come!
>
> I'll send along a message to the QRP-List shortly with more info.
>
> 72 Kevin N2TO
> Brooklyn, NYC

> kfglynn@prodigy.net
>
> ----------
> > From: Marshall Emm <mgemm@mtechnologies.com>
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Subject: Fox: Toughest Yet
> > Date: Tuesday, October 27, 1998 9:26 PM
> >
> > Bagged him with five minutes to spare but am not really sure it was fun.
>
> > Terrible conditions, with QRM, QRN, QSB and other nasty Q stuff. I
> > have a headache and my ears are ringing, I can just imagine what it was
> > like on Kevin's end. Had some friends over and they couldn't even hear
> > a signal in the noise, then I told them what I'd copied and they thought
> I
> > must have imagined it, or else it was magic. Well, in some ways it is, I
>
> > guess [g]. Good work, Kevin!
> >
> >
> >
> >
> >
> > You done good! Ha
> >
> >
> > 73
> > Marshall Emm
> > N1FN/VK5FN
> > n1fn@MorseX.com
> > Morse Express
> > "Everything for the Morse Enthusiast"
> > http://www.MorseX.com
> > (303)752-3382
> > --
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:45:59 -0500
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: <Macstein@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23397] Fox: N2TO
> Message-ID: <199810281849.NAA61168@pimout3-int.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>

> Hi Mac,
>
> THanks for the kind words. I was incredibly nervous, more than I've been
> in quite a while. My fist was in left field for a while, and the QRM was
> killing me too. I had a lot of fun, and more will be sent shortly.
>
> THanks again. BTW you had a nice sig into NYC.
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ----------
> > From: Macstein@aol.com
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Subject: Re: FOX: N2TO
> > Date: Tuesday, October 27, 1998 10:23 PM
> >
> > In a message dated 10/27/98 8:40:12 PM EST, n1tp@worldnet.att.net writes:
> >
> > > Kevin, N2TO, now transmitting at 7.043 and listening by moving around
> > > with RIT off-set of about .200 + or - with BIG signal into FL. He
> > > nabbing hunters fast and furiously! 72/73 to all. Tom, N1TP, Naples,
> > > FL.
> >
> > However, It was kinda hard to hear with all of the INTENTIONAL QRM. The
> > solid long runs of dits, the repeated tuning tone, etc. Kevin would
> slide up
> > or down and so would the QRM. I think Kevin was masterful with the wait
> and
> > send. Thanks guy, once I figured out your offset, I just twisted the
> knob a
> > hair to send and back to listen. Hope Dave B. hurries with the RIT mod
> for my
> > Elmer rig! (Thanks Dave!) I love this stuff.
> >
> > Also thanks to all of the replies to my earlier post. I sent the call
> once
> > tonight and got him on the second try. Amazing. The other thing is some
> of
> > the sigs are sure LOUD for QRP. Again, amazing. Like I said, I love this
> > stuff.
> >
> > -MAC-
> > KF4KSM FL #704
>
> ------------------------------
>

> Date: Wed, 28 Oct 1998 14:13:41 -0500
> From: Ed Tanton <n4xy@att.net>
> To: Scott Howell <whowell@hq.nasa.gov>
> Cc: Ed Tanton <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23398] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable
> Message-ID: <3.0.5.32.19981028141341.00bde100@postoffice.worldnet.att.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Hi Scott... I think the right word should be "iambic-capable" for the
> paddle... and as for a definition of an iambic keyer: it is a keyer that
> will alternate dots and dashes when both paddles are squeezed
> simultaneously, and continue to do so, until one or the other is released.
> It is this alternation, along with the sequential utilization of the
> dot-and-dash memories, that comprises iambic keying. By releasing one
> paddle-side or the other first, and continuing to hold the opposite paddle,
> you accomplish something that regular non-iambic-capable (e.g. single
> lever) paddles and non-iambic keyers cannot: a sequenced series of dots and
> dashes with fewer motions required. Proponents of iambic keying contend
> that this allows better (easier) and faster keying. I have never trained
> myself to use it, and am not unhappy with the motions I use now... but am
> not about to argue the point-since it does (often) require less action to
> produce a given character.
> 73
> ____
> Ed Tanton   N4XY   EMAIL: n4xy@att.net
> 189 Pioneer Trail
> Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
> ____
> INTERESTS: QRP   BoatAnchors   Test Equipment   Photography
> CW: 99.9%   Mercury Paddle # 0214   QRP to 150W: 95%
> ~~~~~~
> "Think you can, think you can't: either way you're right!"   Henry Ford
> ~~~~~~
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:11:07 -0500
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: <dave_epps@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23399] Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <199810281912.OAA100220@pimout3-int.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit

>
> Hi gang,
>
> Doug DeMaw W1FB (SK) used zip-cord as an antenna on a DXpedition years ago.
> He told me about it once. He just wripped open the cord, put a knot in it
> at the feedpoint and away he went. Had the pleasure to speak to Doug on
> the phone in the past, he always helped me out. (also read about this in
> the Ant Book and Handbook).
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ----------
> > From: dave_epps@juno.com
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Subject: Ultra-Light Antenna
> > Date: Wednesday, October 28, 1998 12:12 PM
> >
> > I know it isn't supposed to work. Ribbon cable as feedline? (HUH)
> > Used zip cord years ago. Doing crazy things like this is what happens
> > when
> > you don't really know a whole lot and still like to build. I build a lot
> > of things
> > that are supposed to work and don't and every once in a while I build
> > something that isn't supposed to work and "IT DOES".
> > Don't tell my HW-8 it won't work.
> >   dave ab5pc fresno, ca.
> >
> > ____
> > You don't need to buy Internet access to use free Internet e-mail.
> > Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> > or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:18:40 -0500
> From: Scott Howell <whowell@hq.nasa.gov>
> To: Davewb4@aol.com
> Cc: qrp-l@lehigh.edu
> Subject: [23400] Re: FIRE-BALL FRATERNITY
> Message-ID: <3.0.5.32.19981028141840.0082dba0@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> here is their new number 760-257-3366
>
> they no longer manufacturer this. Said they weren't making money and thus

> stopped production.
>
> At 12:48 PM 10/28/1998 EST, you wrote:
> >Hi Gang: I have seen some questions and interest in the FIRE-BALL. The fire-
> >ball is a 10 meter 10mw (adjustible down) xmitter designed by k7IRK & WA6YPE
> >There Company was, or still is, called   Smith Enterprises. They sold them
> >around 1990. As I remember they were very inexpensive. ($10.00 rings a bell)
> >In essence they are a clock oscillator on 28.060mhz with a 10 turn pot to
> >adjust output and an RF relay. They were supplied with an official FIRE-BALL
> >Fraternity QSL Card and your your Fire-Ball Number (Mine is FB-171) They also
> >made one for 28.636 for SSB. With conditions on 10 getting better the FIRE-
> >BALL would be lots of fun.The last address I have for SMITH ENTERPRISES is:
> >Smith Enterprises Fire-Ball
> >48788 Silver Valley Rd.
> >NewBerry Springs CA 92365
> >Phone: 818 963-0079
> >Might be time to dust off my FIRE-BALL
> >73
> >Dave Rogers WB4CHK
> >
> >
> >
> >
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 12:49:15 -0700
> From: jaywa5whn@juno.com (Jay D Miller)
> To: qrp-l@lehigh.edu
> Subject: [23401] Zombies/SARA-TARA Hamfest
> Message-ID: <19981028.124922.2678.0.JayWA5WHN@juno.com>
>
> Funster Munsters,
>
> If any weird wolves should drop by, keep the ol' Colorado "Silver
> Bullet" handy.
>
>   I will be scanning the Novice/Tech portions of 40 meters & occasionally
> listening on 6 & 10 meters {50.2 MHz USB & above, 28.305 MHz USB &
> above}, otherwise, I will be in the 40 meters {7.025 - 7.050 MHz} cw
> portion of the band with the rest of the creatures of the night.
>
> Not quite a full moon, maybe we could get the City of Phoenix to loan us
> a few strange lights in the night sky.   ;-)
>
>   My worth for all Hallows Eve is 666 points/contact.
>
> ____

>
> Reminder, don't forget the Socorro, NM Hamfest on Nov. 7. One of the
> grand prizes is a 40 meter cw QRP xcvr.
>
> http://www.ees.nmt.edu/sara/hamfest.html
>
> mailto:ac5bx@juno.com for more information.
>
> ____
>
>   Ye' ol' Hallow....Jay, WA5WHN
>
>
>
>
>
>
>
>
>
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:51:04 EST
> From: ARDUJENSKI@aol.com
> To: qrp-l@Lehigh.EDU, nwq-l@scn.org
> Subject: [23402] STATION TEST NITE
> Message-ID: <c3c2b5f3.363775a8@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Every Saturday evening from 0000-0100 I will be on 40M on or about 7048
> available to work stations for quick exchange for STATION TESTS. It will give
> you an opportunity to try various antennas/rigs/pwr levels.
>
> No contests or pile-ups to contend with but a chance to test your stuff out
> before the FOX competition that week. At this point in time the only Saturday
> I may miss is the first week in Dec due to a business trip.
>
> I will be doing this until the end of the year and if of any benifit will
> continue past then.
>

> It is my way of giving back to the group that has given so much to me.Hope to
> see...er... hear you Saturday nite. I would be happy to make special
> arrangements for those that can't make this time or have special needs.
> The old brass pounder...Alan KB7MBI
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:59:04 -0600
> From: William-McShan@ouhsc.edu (Mike McShan)
> To: qrp-l@Lehigh.EDU
> Subject: [23403] Re: FIRE-BALL FRATERNITY
> Message-ID: <v01540b02b25d23e02c5e@[157.142.56.167]>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> >here is their new number 760-257-3366
> >
> >they no longer manufacturer this. Said they weren't making money and thus
> >stopped production.
> >
> Hmmmm....Wonder if we got a group buy together then they might do a new
> production run (although the description Jim gave sounds like it would be
> easy to tack one together). Perhaps they would consider allowing someone
> to post the schematic and PCB artwork on their Website.
>
> The 10mW 28.636 MHz SSB Fire-Ball intrigues me. Good way to bust a
> pile-up. :-) Actually, it's hard to believe that such low power on SSB
> would work, although on 10 M anything is possible on a good day. Was this
> transmitter really SSB or DSB? How many additional components did they
> need in addition to the oscillator? Anyone out there know?
>
> 72,
> Mike N5JKY
> Edmond, OK
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 15:08:16 EST
> From: DENNISMO@aol.com
> To: qrp-l@lehigh.edu
> Subject: [23404] General Privileges Without CW Testing
> Message-ID: <93218d85.363779b0@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hans, K0HB writes:

>
> I said:
>
> >> If a person is on the air using Morse, then I guess that it is
> >> reasonably evident that person is demonstrating Morse knowledge,
> >> even if the speed is 2 or 3 words a minute, and therefore the ITU
> >> requirement is satisfied! The ultimate test of knowledge of Morse
> >> is not some multiple-guess paper test, but the actual on-the-air
> >> use of the skill.
> >>
> >> I applaud the ARRL BoD for "thinking outside the envelope"!
>
> Ed Woodson said:
>
> >So basically what you are saying is that simply the knowledge should
> >allow the use as opposed to a testing requirement. would you also
> >advocate that simply the necessary knowledge should preclude any
> >other testing requirements ???
>
> >Nope, that isn't what I said at all.
>
> >First, the ITU requirements do not call for a formal test, but for
> >demonstrated knowledge -- not just knowledge, but DEMONSTRATED
> >knowledge.
>
> >Actual on-the-air usage is a perfect demonstration of knowledge.
>
> >73, de Hans, K0HB
> >Lord High Keeper of the Codes of Morse
> ----------
>
> I guess what I'm concerned about, and it may be unfounded, is who will be the
> one to deterime whether the Op has indeed demonstrated "knowledge" in his/her
> ability to us CW on-the-air? What if they demonstrate that they DO NOT have
> the "knowledge" required to communicate in CW? I suppose we can just ignore
> them and move on as we would any other source of QRM. So, my point is that
> the ARRL seems to be willing to increase the QRM in the General portions of
> the bands. Yes, I know that some, maybe most, of those new to CW will be
> responsible enough to try to learn the code before getting on the air. What
> about those that won't? Who will be responsible for cleaning the mess up?
>
> I haven't been a ham very long but I have yet to hear a CW op that was sending
> so bad that I wasn't willing to answer his CQ. I think if the ARRL's proposal
> is adopted, that will change, not just for me, but for a lot of us!
>
> My opinion and a buck will buy you a cup of coffee, but no one will probably
> want to sit and have a cup with you. (:8^>).
>

> 72 es God Bless de Denny AD6EZ<><
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:07:21 -0600
> From: applitech@mcg.net (Claton Cadmus)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23405] Re: Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <00ca01be02af$0620d560$a10a5e2c@groucho>
>
> Some years ago when the zip cord antenna first was published someone,
> perhaps ARRL HQ, did a study and found them to be quite lossy due to the
> insulation. I would not make that same assumption today. Many different
> and more modern plastics are used for the insulation today and most of the
> coloring agents no longer contain metals. Although during the recent
> discussion about PVC, we discovered that the soft PVC as used in wire
> insulation is lossier the hard PVC, it might be acceptable for portable
> antennas. Speaker wire may be a good candidate as it is clear and probably
> as free of additives as you can get. Unless of course there is an additive
> to make it clear? ;-)
>
> Anyway, this would be an interesting investigation. Can you imagine what
> it would mean to this group to find that a very obtainable brand of zip
> cord wire makes fine antennas and balanced line? I wonder, how would one
> go about measuring the characteristics of various brands of zip type wire
> including the loss?
>
> Ideas anyone?
> ----
> 73 de KA0GKC Claton Cadmus
> cla@mcg.net
> MNQRP #1
> Minnesota QRP'ers we're looking for you!
> Email me or visit this page http://www.qsl.net/mnqrp
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 12:26:15 -0800 (PST)
> From: KC5TJA <kc5tja@topaz.axisinternet.com>
> To: Shephed@aol.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [23406] Re: FOX: Novice/Tech+ Foxii MIA?
> Message-ID: <Pine.LNX.3.96.981028122551.31174C-100000@amethyst.axisinternet.com>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Tue, 27 Oct 1998 Shephed@aol.com wrote:
>

> > I agree.
> > This time last year I was the N/T+ Fox, nervous as all heck and wound up
> > tight.
> > One year later I'm still nervous but an Extra. hihi.
>
> Who do I contact on this again? I was told once, but forgot who the
> individual was.
>
> ==
>   KC5TJA/6 | -| TEAM DOLPHIN |-
>   DM13 | Samuel A. Falvo II
>   QRP-L #1447 | http://www.dolphin.openprojects.net
>   Oceanside, CA |...
>
> ----------------------------
>
> Date: Wed, 28 Oct 1998 15:24:32 EST
> From: Robsparks@aol.com
> To: qrp-l@lehigh.edu, KJ5TF@madisoncounty.net
> Subject: [23407] AR-QRP 40 m Net Wednesday Night
> Message-ID: <70f0fe8b.36377d80@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> AR-QRP 40 m Net Wednesday Night
>
> The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.052 mhz. Bob, AB5ZD
> is NCS and will be calling QST AR QRP NET de AB5ZD PSE QNI. At that time,
> please send your full call, and when I hear you, I will return your call and
> AS (stand by) while more call in. When I have the list, I will start at the
> top and go down the list for reports and comments. If you are trying a new rig
> or antenna, tell us about it! This is lots of fun, and you don't need to be a
> member to check in.
>
> 72,
>
> Bob AB5ZD
>
> ----------------------------
>
> Date: Wed, 28 Oct 1998 15:42:26
> From: Steven Weber <kd1jv@moose.ncia.net>
> To: qrp-l@lehigh.edu
> Subject: [23408] Potentual new projects
> Message-ID: <3.0.3.16.19981028154226.2b9f0ec6@mailhost.ncia.net>
> Mime-Version: 1.0

> Content-Type: text/plain; charset="us-ascii"
>
> Hi Gang,
>
> Conrad Wiess asked me if I could make a keyboard keyer, and I said yes,
> seeing I had already figured out how to read an AT keyboard and all that,
> some time ago.. So, last night I sat down and strung some old routines
> together and made a keyboard keyer out of the LED Keyer prototype.
>
> Personally, I'm not all that interested in a keyboard keyer, I'd rather
> bang it out with a straight key or paddle, but if there were enough
> interest, I'd produce one as a kit.
>
> At the moment, I have a fully functional unit. Makes code when you type,
> displays the code speed on the two digit LED display, F11 and F12 toggles
> the speed up and down. Next step is to expand the code speed to some
> unreasonable speed of at least 50 wpm or higher and to add an eeprom for
> messages. I figure on 10, 80 or 90 character memories. Which incidently is
> the size of the type ahead buffer.
>
> Any other features you'd like? Serial number generator maybe?
>
> Physicaly, the board will be designed to fit in the cavity at the top of a
> typical keyboard. Just cut a hole for the LED displays to poke through.
> Therefore, the board will be long and skinny. That should be fun to layout!
>
> Price for a complete board kit would be about $30.00.
>
> So, any interest in a keyboard keyer like this?
>
> Second project I'm thinking of is a transmitter project. Keith Johnson got
> me thinking about this one, when he asked if just making a transmiter to go
> along with his reciever would be a good idea. I have this nice old Drake 2B
> sitting here doing nothing, cuz I no longer have a stand alone transmitter
> to use with it. Hence this potentual project.
>
> I figure on making this a four band jobbie, using a 5 Mhz VFO and a PLL
> controled heterodyne osc. The PLL would be a MC14151, which can use diodes
> to select the /N ratio. Ideally, you will be able to select which four
> bands to build it for, 80-10M. Low pass filters would be relay selected, so
> a simple, common rotary switch can be used for band selection. Output power
> will be adjustable, at least 5W on the higher bands, more on the lower
> ones. Built in QSK switching. Mute line for the Rx.
>
> I have no idea what a kit like this would cost at the moment. $75-100
> maybe. Maybe less, depends on interest. What do you think, do I build a
> one-of-a-kind for myself, or make it reproducable? At the very least, we'll
> see if anyone will the publish the design.

>
> Thanks for your input,
> 72,
> Steve, KD1JV....In the White Mountains of New Hampshire
>
> "Melt Solder"
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:01:05 -0600
> From: "Marshall Emm" <mgemm@mtechnologies.com>
> To: "Kevin F. Glynn" <kfglynn@prodigy.net>, qrp-l@lehigh.edu
> Subject: [23409] Re: Fox: N2TO/Re: Toughest Yet
> Message-ID: <199810282059.NAA30037@edison.chisp.net>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> Hi, Kevin--
>
> >>I hear the FN and knew it was you and didn't want to give
> up at the end.<<
>
> Real glad you made the effort, but we evidently had a bit of
> help-- Bruce (VE5RC) wrote to say he heard me calling and
> "I started up the Mental Telepathy Cheering Squad from here
> in hopes that this would help you get through..." That's about
> all I can attribute my success to!
>
> I hope he'll start up the squad indiscriminately when it's my
> turn [g].
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express
> "Everything for the Morse Enthusiast"
> http://www.MorseX.com
> (303)752-3382
> --
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:00:48 -0700
> From: Niel Skousen <skousen@srv.net>
> To: applitech@mcg.net, qrp-l@lehigh.edu

> Subject: [23410] Re: Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <199810282100.OAA23031@srv.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> I have access to some test equipt (as do many others...) including
> spect.analyzers/Trak gen, tdr.... Thus the Zo, and loss could be measured.
>
> IF folks wanted, I can make some measurements of Zo & IL. I'll pick up a
> couple of pieces of std (RS) speaker cable and zip cord to check. If
> anyone has any special wire they want to send I'll check it too... but I
> should probably have 10-15ft min to test at 7Mhz...
>
> Boy, I can't believe my fingers are getting me into trouble before I even
> got the Osc.books sent... *8-)
>
> Niel
>
> At 02:07 PM 10/28/98 -0600, you wrote:
> >Some years ago when the zip cord antenna first was published someone,
> >perhaps ARRL HQ, did a study and found them to be quite lossy due to the
> >insulation. I would not make that same assumption today. Many different
> >and more modern plastics are used for the insulation today and most of the
> >coloring agents no longer contain metals. Although during the recent
> >discussion about PVC, we discovered that the soft PVC as used in wire
> >insulation is lossier the hard PVC, it might be acceptable for portable
> >antennas. Speaker wire may be a good candidate as it is clear and probably
> >as free of additives as you can get. Unless of course there is an additive
> >to make it clear? ;-)
> >
> >Anyway, this would be an interesting investigation. Can you imagine what
> >it would mean to this group to find that a very obtainable brand of zip
> >cord wire makes fine antennas and balanced line? I wonder, how would one
> >go about measuring the characteristics of various brands of zip type wire
> >including the loss?
> >
> >Ideas anyone?
> >----
> >73 de KA0GKC Claton Cadmus
> >cla@mcg.net
> >MNQRP #1
> >Minnesota QRP'ers we're looking for you!
> >Email me or visit this page http://www.qsl.net/mnqrp
> >
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 15:59:44 -0500

> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Cc: <prvalko@oakland.edu>
> Subject: [23411] FOX: N2TO Log 28-OCT-98 0100-0300 UTC
> Message-ID: <199810282101.QAA40184@pimout3-int.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi gang,
>
> Below is the log from last night's Foxhunt (should print correctly with
> non-proportional font). I followed Rule #1, had a lot of fun and have a
> new found respect for the Foxii and Hounds alike.
>
> I'd like to thank everyone for their patience during my first shot as Fox.
> I was incredibly nervous, a lot more than usual, and I think my fist showed
> it! I tried for 7.038, but had to switch to 7.043 early on due to last
> minute QRM. Had to QSY a few more times due to heavy QRM. Copy was tough
> at times, and signals kept coming up out of the noise all night long.
> Seems like the pipeline was open to the midwest and FL, too.
>
> Thanks again to Paul W8KC, Sam Ulbing N4UAU for designing the SCAF that OHR
> kitted and all you Hounds.
>
> N2TO FOX LOG 28-OCT-98 0100-0300 UTC
>

QSO NO.	FREQ	TIME	HOUND CALL	HOUND RST	FOX RST	HOUND QTH	HOUND NAME	HOUND NR
1	7.043	01:04	N4ROA	579	559	VA	Dan	970
2	7.043	01:05	AA0ZZ	559	559	MN	Craig	1238
3	7.043	01:06	N9DD	559	559	IN	Tom	32
4	7.043	01:08	NOUR	559	579	MN	Jim	799
5	7.043	01:09	W8KC	559	559	MI	Paul	59
6	7.043	01:10	KF4AR	559	579	NC	Rick	402
7	7.043	01:14	W0CH	559	559	MO	Dave	618
8	7.043	01:15	KA8OKH	559	559	KY	Rich	933
9	7.043	01:17	W4VCA	559	559	KY	Pete	1721
10	7.043	01:20	K8IQY	559	559	MI	Jim	181
11	7.043	01:21	N1TP	559	559	FL	Tom	1317
12	7.043	01:23	K5ZTY	559	339	TX	Bill	473
13	7.043	01:27	K8CV	559	559	MI	Walt	935
14	7.043	01:28	WD8KQY	569	559	OH	Gary	446
15	7.043	01:31	N8VAR	559	559	OH	Ron	263
16	7.043	01:32	KB0PTE	549	559	MO	Wayne	1058
17	7.043	01:35	WB9HFK	559	559	IL	Mark	1159
18	7.043	01:36	W5JAY	559	559	AR	Jay	1201

>   19 7.043 01:39 W3NR   569   559 GA   Ed   1307
>   20 7.043 01:45 NZ8J   569   559 OH   Tim   678
>   21 7.043 01:47 K4JPN   569   579 GA   Steve   1828
>   22 7.043 01:52 VE5RC   549   559 SK   Bruce   886
>   23 7.043 01:56 N8VZU   559   559 OH   Dan   1404
>   24 7.043 01:59 NU4N   549   559 KY   Dave   1806
>   25 7.043 02:02 W8RU   599   599 MI   Ron   188
>   26   7041 02:04 WB8RCR   559   529 MI   John   1446
>   27 7.041 02:06 K0EVZ   599   579 MN   Doc   861
>   28 7.041 02:07 VE3JC   569   559 ON   John   844
>   29 7.041 02:09 WS4S   559   539 TN   Conard   991
>   30 7.041 02:12 N5TW   559   559 TX   Tom   1474
>   31 7.041 02:13 AF5Z   559   579 TX   Bob   884
>   32 7.041 02:15 AK7Y   559   559 AZ   Greg   1693
>   33 7.041 02:16 W5SB   559   339 TX   Bill   1279
>   34 7.041 02:19 KA5BMK   559   569 FL   Jim   5W
>   35 7.045 02:23 AB5UA   549   339 OK   Clif   477
>   36 7.035 02:30 AB8DF   569   559 MI   Ed   1444
>   37 7.041.5 02:35 N8KW   579   579 IL   John   1257
>   38 7.041.5 02:37 KU7Y   539   559 NV   Ron   17
>   39 7.041.5 02:40 WS8D   589   579 MI   Mich   1188
>   40 7.041.5 02:44 N4KZ   579   579 KY   Dave   1709
>   41 7.041.5 02:45 K5ZTY   559   579 TX   Bill   473
>   42 7.041.5 02:52 KF4KSM   569   559 FL   Mac   704
>   43 7.041.5 02:55 N1FN   339   559 CO   Marshall   151
>   44 7.041.5 02:58 NQ7X   439   559 AZ   Floyd   323
>   TOTAL PTS   44
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:11:41 -0600
> From: sholisky@ktca.org (Scott Holisky)
> To: qrp-l@lehigh.edu
> Subject: [23412] FOX: Who nabbed who
> Message-ID: <fc.000f548a0039f377000f548a0039f377.39f435@ktca.org>
> MIME-Version: 1.0
> Content-type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Gotta tell you Kevin don't know how you knew what frequency I was tuned to
> when you started the hunt. I'm sure you (all) would of had a good belly
> laugh watching me stumble over coffee cup and log as I reached for the
> keyer. Door open, kids with TV a blarin' and me leaning over the

> speaker...ikes!
>
> Appreciate it though, nice to get a couple of extra hours :) .
>
> Regards - Scott N0AR
>
> ------------------------------
>
> Date: Wed, 28 Oct 98 15:26:45 -0500
> From: Chuck Adams <adams@ticnet.com>
> To: qrp <qrp-l@lehigh.edu>
> Subject: [23413] OHR 500 Review Pre-announcement
> Message-ID: <199810282124.QAA17784@nss4.cc.Lehigh.EDU>
>
> Gang,
>
> I know a few of you are holding your breath until I can
> get the review written, but time line is critical right now
> with two articles in the works for NCJ and QRPp as
> rquested by two different individuals, so they are at
> the top of the list this week and the time crunch.
>
> So, I'll attempt by Tuesday of next week to do the
> usual K5FO (tm) QRP-L Review Form.
>
> But in the meantime the rig is a keeper for me.
> Power adjustment on the front panel will really
> be a plus for some for adjustment from 0mW to
> over 5W on 40 and 80M and over 2.5W on 15M.
> The exact figures to follow in the review.
> Rig covers over 140KHz on 80, 40, 30, 20, and 15
> meters. Will receive WWV, a plus to check on
> solar flux, etc.
>
> Not a revised OHR400 but a new and improved rig.
> Nice quiet sensitive receiver.
>
> See http://www.ohr.com/ web page for ordering
> info and more detailed specs.
>
> I paid full retail price as usual. I work for OHR for
> free. :-) I pay Dick money, he sends kit, and then
> I go to work. ;-)
>
> Such a deal.
>
> So thanks for the patience and the wait. I know information
> takes time and even at high typing speeds I still have to think

> and for a native Texan we are talking slow..... :-)
>
> FYI
> --
> Chuck Adams K5FO adams@ticnet.com   CP-60
> http://www.ticnet.com/k5fo
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 13:32:31 -0700 (PDT)
> From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
> To: Claton Cadmus <applitech@mcg.net>
> Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
> Subject: [23414] Re: Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <Pine.PMDF.3.95.981028132025.328I-100000@BENSON.MCKENNA.EDU>
> MIME-version: 1.0
> Content-type: TEXT/PLAIN; charset=US-ASCII
>
> On Wed, 28 Oct 1998, Claton Cadmus wrote:
>
> > Although during the recent
> > discussion about PVC, we discovered that the soft PVC as used in wire
> > insulation is lossier the hard PVC, it might be acceptable for portable
> > antennas. Speaker wire may be a good candidate as it is clear and probably
> > as free of additives as you can get. Unless of course there is an additive
> > to make it clear? ;-)
> >
> > Anyway, this would be an interesting investigation.
>
> Recently, out of curiousity, I tested Radio Shack's clear speaker
> cable, #18 gauge wire.
>
> The surge impedance (Zo) was approximately 120 ohms. Loss per hundred
> feet was about 2 dB at 10 MHz; 4 dB at 30 MHz. And that's loss in a
> matched condition (120 ohm resistive load).
>
> Doesn't seem a good choice for feedline. And I'd guess that
> lighter-weight speaker cable (smaller wire) would be still lossier.
>
> Charlie, w6jjz
> clofgren@mckenna.edu
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 16:45:47 -0500
> From: Scott Howell <whowell@hq.nasa.gov>
> To: qrp-l@lehigh.edu

> Subject: [23415] antenas again
> Message-ID: <3.0.5.32.19981028164547.007ec6e0@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
>   hello all, had a question once again on antenas. someone told me
about
> the bt5 I think it is. Does it require a large groundplain system.
> I need something I can hide in a flag pole configuration that doesn't need
> a lot of radials cause my yard is limited. This I think will work best and
> I can get away with. I may have something here and believe it or not two
> members of the board are already throwing support behind this as long as it
> is reasonable.
> I also, am exploring the idea of putting my full-size g5rv up, but have to
> investagate this further.
> tnx to all. I got some idea on vertical wires, but not sure if these need a
> groundplain and also how long would it need to be in order to work on 80m.
> I suspect the 66ft figure might be correct, but well thought to ask.
> You guys always have the answers. tnx agn.
>
> 73 de Scott/n3byy
> Laurel MD
> Fists #5030
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 14:15:58 -0800
> From: "Radman" <radman@best.com>
> To: <kfglynn@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
> Subject: [23416] Re: N2TO Log 28-OCT-98 0100-0300 UTC
> Message-ID: <199810282212.OAA22802@proxy4.ba.best.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Kevin,
>
> Very nice job! :-) Question: to your knowledge, were you
> able to work *anyone* in the state of California? I have
> this theory that we were surrounded by a huge ball of
> magnetic flux -- caused by Ed Loranger's "Santa Rosa
> Experiments," involving magnetic/acoustical patent
> phenomena ;) Seriously, it was just brutal on this
> end.... XTAL filters+DSP+SCAF+phones... still very tuff
> sledding.
>

> Total = 44 says a lot for your operating skills :-) :-)
>
> vry 72, Conrad -- NN6CW
>
> ****************************
>
> Hi gang,
>
> Below is the log from last night's Foxhunt (should print
> correctly with
> non-proportional font). I followed Rule #1, had a lot of
> fun and have a
> new found respect for the Foxii and Hounds alike.
>
> TOTAL PTS   44
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 17:19:27 -0500
> From: "Tim Cook" <timcook@erinet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [23417] Argo 509 + OHR Display
> Message-ID: <013601be02c1$0717da60$c1785acf@timcook.erinet.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Has anyone used the OHR digital display with an Argo 509?
> Thanks
> Tim
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 22:35:30 +0000
> From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
> To: qrp-l@lehigh.edu, gqrp-l@blacksheep.org
> Subject: [23418] FAQ2
> Message-ID: <E0zYeAj-0003Ma-00@hen.scotland.net>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT

>
> FAQ2 is now on my web site ('which band...')
> http://homeusers.prestel.co.uk/g3ycc/faq2.html
>
> (if you really do enjoy my site, why not send an email to
> siteofthemonth@prestel.net voting for the November top site from my
> ISP?)
>
> Thanks
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 16:50:02 -0600
> From: Chuck Carpenter <w5usj@webwide.net>
> To: clofgren@BENSON.MCKENNA.EDU, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
> Subject: [23419] Re: Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <3.0.1.32.19981028165002.00699b00@mail.webwide.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> About a year ago I did some measurements similar to Charlie's. I was most
> interested in 14MHz as I wanted to use it with my NW20.
>
> With the RS 18ga clear speaker wire at 14MHz, I measured 3dB loss per 100
> ft. The impedance calculated at 128 ohms and the capacitance per foot was
> about 15 pF. This compares to RG-174 at 4dB per 100 ft at 14MHz. I used
> the same cord to wind quadrifilar winding on a toroid with good results
> too. Low SWR and good efficiency from 80 through 6 meters into a dummy load.
>
> There is an article in The ARRL Antenna Book, 14th Edition(1983), Chapter
> 13-10 the discusses the Zip-Cord Antenna (probably other places too). They
> tested a particular 100 ft roll having brown insulation with an RF
> impedance bridge. The determined the impedance to be 105 ohms and the
> velocity factor to be 69.5 percent. An in-depth discussion is included in
> the entire article.
>
> 72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 17:52:29 EST
> From: FrConrad@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [23420] What Makes it "Iambic"
> Message-ID: <8b6a19fe.3637a02d@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII

> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> To all...
>
> In response to the continued thread about what makes a key or keyer "Iambic",
> I submit the following:
>
> The word "Iambic" refers to the iambic foot in poetry. An iamb being the
> combination of one soft and one hard syllable--or by an egregious extension of
> the term, one dot and one dash in Morse code.
>
> Consider this bit of doggerel set in the iambic mode:
>
> The list has been a little droll,
> With long threads unrelenting.
> There are, it seems, persistent few,
> Verbose and unrepenting.
>
> You get the idea.
>
> An "Iambic" device is one, mechanical or electrical (or linguistic), that can
> produce BY ANY MEANS, an alternating string of dots and dashes--the
> intelligence of the transmission of course being dependent upon the wonderful
> silences the fall in between.
>
> Ah, I love the smell of charcoal being lit. Bring on the incense.
>
> John+
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 18:16:04 EST
> From: DYARNES@aol.com
> To: FrConrad@aol.com, qrp-l@lehigh.edu
> Subject: [23421] Re: What Makes it "Iambic"
> Message-ID: <dada80b9.3637a5b4@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> In a message dated 10/28/98 3:58:26 PM US Mountain Standard Time,
> FrConrad@aol.com writes:
>
> << Consider this bit of doggerel set in the iambic mode:
>
> The list has been a little droll,

> With long threads unrelenting.
> There are, it seems, persistent few,
> Verbose and unrepenting.
>
> You get the idea. >>
>
> or this lesser known piece (but a masterpiece nontheless) by that famous poet,
> "Anonymous"--
>
> A peanut sat on the railroad track
> his heart was all a flutter
> around the bend came #10
> toot! toot!---peanut butter!
>
> 72 de Dave W7AQK
>
> ------------------------------
>
> Date: Wed, 28 Oct 1998 18:23:30 -0500
> From: "Tim Cook" <timcook@erinet.com>
> To: "QRP" <qrp-l@lehigh.edu>
> Subject: [23422] FS: Sierra / St. Louis Tuner
> Message-ID: <018201be02c9$f9d7bce0$c1785acf@timcook.erinet.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Reluctantly I am going to sell my Sierra and St. Louis Tuner. The Sierra is
> mint with the KC-2 installed in the factory replacement front panel. I have
> modules built for 80/40/30/20/17/15/10 meters. 80-20 have the specified
> 1.5 - 2.0 watts out (80/40 = 2.25w) (30/20=1.75W) 17/15/10 meter modules
> need some tweaking, they put out about 500-900 mw. I have all documentation
> and several pages of "Sierra" information from the QRP-L list. $400 shipped
> in the conus
>
> The St. Louis Tuner is the original in a small case than the Norcal version.
> It is very well built and nicely labeled. It is painted to match the Sierra.
> All documentaion for it also. $60 Shipped in the conus (Sierra must sell
> first)
>
> Will sell as a package for $430 shipped in the conus
> would consider a 30m qrp rig and/or OHR digital display as part trade...
> Thanks
> Tim
> NZ8J
>

> ------------------------------
>
> Date: Wed, 28 Oct 1998 16:33:46 -0800
> From: W7LS <w7ls@blarg.net>
> To: clofgren@BENSON.MCKENNA.EDU
> Cc: qrp-l@lehigh.edu
> Subject: [23423] Re: Zip-Cord antenna/Ultra-Light Antenna
> Message-ID: <3637B7EA.6CE0@blarg.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Au-Contraire (at least I think). 2 dB for 100 feet? I don't consider that
> bad, even at 10 MHz, if you assume that the feedline in a field portable
> operation is only 10 feet long or so and the freq is 7 or even 3.5 MHz.
> Sounds pretty good to me, actually.
>   73 de Jim, W7LS
>
> Charlie Lofgren wrote:
> >
> > On Wed, 28 Oct 1998, Claton Cadmus wrote:
> >
> > > Although during the recent
> > > discussion about PVC, we discovered that the soft PVC as used in wire
> > > insulation is lossier the hard PVC, it might be acceptable for portable
> > > antennas. Speaker wire may be a good candidate as it is clear and probably
> > > as free of additives as you can get. Unless of course there is an additive
> > > to make it clear? ;-)
> > >
> > > Anyway, this would be an interesting investigation.
> >
> > Recently, out of curiousity, I tested Radio Shack's clear speaker
> > cable, #18 gauge wire.
> >
> > The surge impedance (Zo) was approximately 120 ohms. Loss per hundred
> > feet was about 2 dB at 10 MHz; 4 dB at 30 MHz. And that's loss in a
> > matched condition (120 ohm resistive load).
> >
> > Doesn't seem a good choice for feedline. And I'd guess that
> > lighter-weight speaker cable (smaller wire) would be still lossier.
> >
> > Charlie, w6jjz
> > clofgren@mckenna.edu
>
> ------------------------------
>
> End of QRP-L Digest 1258

> ************************
> ------------------------------

--
Dr. Jerry N. Conover, Director
Bureau of Business and Economic Research
Northern Arizona University, Box 15066
Flagstaff, Arizona 86011-5066
phone: 520.523.7387   fax: 520.523.7331

Date: Thu, 29 Oct 1998 13:32:34 -0500
From: John Levreault <jlevro@mediaone.net>
To: qrpp@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23493] Re: Dashes on right paddle or left?
Message-ID: <3638B4C2.5D21AF79@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

frank lauri wrote:

> Hi,
>
> I am left handed and use a single paddle key (usually).
>
> I send DITS with my pointing finger and DAHS with my thumb...whether
> this is traditionally correct...I don't know but it works for me.

Ditto from another lefty.

de nb1i
Johnet your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 29 Oct 1998 13:39:06 -0500
From: DNT1@chrysler.com
To: qrp-l@Lehigh.EDU
Subject: [23494] Iron-on PC layout material?
Message-ID: <052566AC.0066653E.00@lngodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Does anyone on the list know where to get this stuff & what the trade name is? I looked through my most recent crop of ham rags & didn't see anything mentioned about where I could get the stuff. Thanks in advance for the info!

72/73,

Don T. AI4CW QRP-L#1670

Date: Thu, 29 Oct 1998 10:53:21 -0800
From: "Radman" <radman@best.com>
To: <sm3avq@ebox.tninet.se>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23495] Re: Keyer (CMOS III)
Message-ID: <199810291849.KAA12202@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Lars,

Thanks for the Swedish perspective on the CMOS-III :-) The CMOS-III is _very_ popular amongst US QRO contesters -- perhaps more so than amongst US QRPers. The contest boyz\girlz really like the big memories and six "panic" buttons in full combat conditions. US QRP operation is a bit more relaxed -- unless you're Fox hunting -- then not even a CMOS-III will save you ;) Buying premium grade memory switches is recommend -YES. I went thru three intermittent RS switches, then finally went to Mouser for some *real* ones. And, finally, I would _never_ install a "breaker" (power ON/OFFswitch) in the CMOS-III power line -- it's always "on." Switching "off" a CMOS-III would be akin to selling a Volvo with less than 185,000 miles on it. Simply poor etiquette ;)

Congrats on your article in "QTC"

vry 72 -- Conrad Weiss - NN6CW

****

Hello Conrad and all QRP:ers,
I am an even bigger fan of the CMOS Super Keyer, hi.
I have built several of all 3 versions and have also
described it in the
Swedish Ham Radio Magazine "QTC". Many Swedish hams are
now using it.
I am surprised that not all of the US hams are using this
keyer. Don t
you read the QST, hi. It is simply the best.
Just one advise. Use good quality momentary contact memory
switches,
othervise you can have problems with double bounces.
Order the kit and put on your solder iron boys!
73 from Lars / SM3AVQ
CMOS Super Keyer III to the Mercury paddle # 287

P.S. Conrad, I suppose you have had it on without a
breaker in the
powerline.

Date: Thu, 29 Oct 1998 14:05:00 -0500
From: John Levreault <jlevro@mediaone.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23496] Re: Tayloe Mixer
Message-ID: <3638BC5C.E48A0F17@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> I also got in the parts I need to build an offical "Tayloe Mixer". Yikes,
> another tiny SMT chip with 26 mill lead spacing to try and make a board
> for, what fun :-)
>
> I splurged and bought a pair of Burr-Brown, low noise, low distortion
> Instrument amps for the input amps from the phase caps, and a couple of low
> noise LM387's for the phase shifter circuit. Might as well do this right....

Regarding the R2 phase shifter, it's my belief that the noise properties are
limited more by the high resistor/low capacitor values than the noise properties
of the opamps. For example, a .001uf cap is about 200Kohms reactive at 800Hz.
Wouldn't this give a high equivalent noise voltage?

Is this why KK7B needs 40dB of gain between the mixer/diplexer and the phase shifter, to overcome the poor noise properties of the phase shifter? With this much gain prior to the sharp audio filters, it's possible to overload the post-mixer amp. By going to a lower-Z phase shifter and lower gain in the post-amp, the dynamic range of this receiver might improve, not that's it's that bad to start with. I've seen a couple of articles where the noise figure of this receiver is improved by increasing the gain in the post-amp. Doesn't this further imply poor noise performance in the phase shifter?

Or maybe not. Comments?

73 de nb1i
John

Date: Thu, 29 Oct 1998 11:14:49 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23497] Re: QRP-L digest 1258
Message-ID: <199810291915.LAA25606@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry Conover <jerry.conover@NAU.EDU> has to get the prize for biggest quote ever. Nearly 4,000 lines! Congratulations, Jerry.

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -=*=- (509) 326-7147 -=*=- http://www.iea.com/~fgrig/
"The Internet doesn't annoy people. People annoy people"

Date: Thu, 29 Oct 1998 11:45:29 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23498] Re: Everything Old is New Again
Message-ID: <Pine.LNX.3.96.981029114318.31780F-100000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Oct 1998, L. B. Cebik wrote:

> In any event, the early work on small loops (both 1/2 wl and 1 wl
> circumference)--with a gap for some directional gain--predates much of the
> work we consider fairly modern.

I might add that one of Hertz's original antennae was a STL. It was a
circular loop of rather thick conductor, with a small gap at the top.
This was one of the original spark-gap antennae, but the gap wasn't used
for sparking. The sparks were generated away from the antenna, actually.

The loop provided the inductance, and the gap the capacitance.

So this loop predates even your original 1930s estimate.. :)

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | http://www.dolphin.openprojects.net
   Oceanside, CA |...

Date: Thu, 29 Oct 1998 17:26:41 +0100
From: "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
To: <qrp-l@lehigh.edu>
Subject: [23499] Re: Dashes on right paddle or left?
Message-ID: <199810291955.UAA03416@mb05.swip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Mike

You wrote:

> Is the "conventional" orientation for paddles to have the dashes on
> the right paddle and dots on left or vice versa? I use mine the former
> way but am curious if thats how others are setting their's up...

I built an Accu-Keyer long before I became a ham. I had no idea
on how to connect the paddles so I connected it for "dashes on
thumb" (left paddle). After many months of training, someone told
me that my my paddles were connected the wrong way... It was too
late. I still use my thumb for dashes.

When I use someone else's keyer, I have to turn it upside down
or use my left hand. On my own pair of paddles, I have installed
a small paddle swapping switch . It has two positions marked
"SM6LKM" and "Others" ;-)

BTW, how long should a nominal inter-word space be? 5 or 7 dot times?

72 de Johan Bodin, SM6LKM

Date: Thu, 29 Oct 1998 13:02:25 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [23500] Good grief!!
Message-ID: <3.0.3.32.19981029130225.00909310@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Regarding the post that quoted an ENTIRE archive:

LEARN HOW TO USE YOUR BLOODY EMAIL EDITOR, FOLKS!!

SSheeesssheee.... maybe a license should be required for email privileges!

Date: Thu, 29 Oct 1998 14:03:29 -0600
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [23501] 38s - extreme low volume
Message-ID: <BB6584384834D211AFC00000F8BDCA842B2E0C@alrsrv02>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

I built a 38 Special from Norcal and have a perplexing problem. There is a
slight hiss and no CW
from the earphones until I touch an exacto knife or metal screwdriver to pin
1 of U1 (NE602). When I
touch that the volume goes way up and all of a sudden there is the sweet CW
sound.... very clear!!
Trying to follow Ori's Debugging procedure and all of the DC voltages on the
first page checks out
with the exception of U2 pin 6 and U4 pin 7. Those are supposed to be about
5 volts on receive

but (I'm at work right now) if my memory serves me correctly the voltage I measured is less than
one (1) volt. Transmitting with a straight key results in a very clear sidetone. I will be trying to
use the rest of the debugging procedure closely. I do have a DVM and one of the Radio Shack
Probescopes. (but do not know much about the probescope) If anyone has an idea of the cause
of the problem please let me know.

Steve KC5TTY Elgin, OK
QRP-L # 1151
brockwse@fssec.army.mil

Date: Thu, 29 Oct 1998 15:13:02 -0500 (EST)
From: Ben Pooley <bpooley@bar.auracom.com>
To: DNT1@chrysler.com
Cc: qrp-l@Lehigh.EDU
Subject: [23502] Re: Iron-on PC layout material?
Message-ID: <1.5.4.16.19981029160936.2f378306@bar.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 13:39 29/10/98 -0500, you wrote:
>Does anyone on the list know where to get this stuff
>
>Don T.   AI4CW   QRP-L#1670
>
>
>

Don;

If you mean the iron-on materials for transferring a laser-printer image to pc board material, here are two sources:

DynaArt (www.dynaart.com) also available from Digi-Key.
Techniks (www.techniks.com)

I haven't tried either. A recent query I posted on this list brought various replies; some liked these products very much but at least half thought photo-sensitized boards the only way to go.

Good luck.

73, Ben VE1AHX
Ben Pooley, Allendale Electronics Ltd, RR1 Lockeport NS Canada B0T 1L0
bpooley@auracom.com ve1ahx@rac.ca www.trico.ns.ca/smtassy

Date: Thu, 29 Oct 1998 15:20:05 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [23503] Re: Iron-on PC layout material?
Message-ID: <3638CDF5.55B2@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

DNT1@chrysler.com wrote:

> Does anyone on the list know where to get this stuff & what the trade name
> is? I looked through my most recent crop of ham rags & didn't see anything
> mentioned about where I could get the stuff. Thanks in advance for the
> info!

Try:

The Meadowlake Corp.
PO Box 1555, Dept. F
Oneco, FL 34264
USA

Products/Services: PC BOARD-PC BOARD MANUFACTURER, PC BOARD-PC BOARD
CHEMICALS AND SUPPLIES

Date of last change: August 14, 1995

and:

DC Electronics
PO Box 3203
Scottsdale, AZ 85271-3203
USA

Phone: 800-423-0070 (orders)
602-994-7736 (stock/price check)
Fax: 602-994-1707

Products/Services: PC BOARD-PC BOARD CHEMICALS AND SUPPLIES,

COMPONENT-COMPONENT SUPPLIER, COMPONENT-CONNECTOR, COMPONENT-ENCLOSURE, COMPONENT-INTEGRATED CIRCUIT, COMPONENT-DIAL OR KNOB, COMPONENT-FERRITE MATERIAL, COMPONENT-RF SEMICONDUCTOR, COMPONENT-SWITCH, COMPONENT-TRANSFORMER, FERRITE MATERIAL, FREQUENCY CONVERTER, HARDWARE, KIT-ELECTRONIC HOBBY KIT, PC BOARD-PC BOARD CHEMICALS AND SUPPLIES, POWER SUPPLY, PUBLICATION-BOOK, SOLDERING SUPPLIES, TEST EQUIPMENT-NEW TEST EQUIPMENT

Notes: (PC Board 'iron-on' kits) $15 minimum charge order, no minimum for checks. $3 min. shipping & handling. Wide array of ICs. Good Assortment of electronic components.

Date of last change: August 1, 1995

73,
Ed, W1RFI

Date: Thu, 29 Oct 1998 13:29:43 -0800
From: W7LS <w7ls@blarg.net>
To: bpooley@bar.auracom.com
Cc: qrp-l@lehigh.edu
Subject: [23504] Re: Iron-on PC layout material?
Message-ID: <3638DE47.7CDB@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. If I really, really wanted to be nasty to someone, I'd send them some of the Tek-200 film and watch them struggle to make a pc board. What ever you do, listen ONLY to those who have used it, not the ads.
     My $.02.   :-)

Jim, W7LS

Ben Pooley wrote:
>
> At 13:39 29/10/98 -0500, you wrote:
> >Does anyone on the list know where to get this stuff
> >
> >Don T.   AI4CW   QRP-L#1670
> >
> >
> >
>

> Don;
>
> If you mean the iron-on materials for transferring a laser-printer
> image to pc board material, here are two sources:
>
> DynaArt (www.dynaart.com) also available from Digi-Key.
> Techniks (www.techniks.com)
>
> I haven't tried either. A recent query I posted on this list
> brought various replies; some liked these products very much
> but at least half thought photo-sensitized boards the only way
> to go.
>
> Good luck.
>
> 73, Ben VE1AHX
> Ben Pooley, Allendale Electronics Ltd, RR1 Lockeport NS Canada B0T 1L0
> bpooley@auracom.com   ve1ahx@rac.ca   www.trico.ns.ca/smtassy

---

Date: Thu, 29 Oct 1998 12:30:14 -0800 (PST)
From: Mike Parkes <ab7ru@yahoo.com>
To: QRP List QRP <qrp-l@Lehigh.EDU>
Subject: [23505] What are the "Zombie Shuffle" Rules?
Message-ID: <19981029203014.8522.rocketmail@send101.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I misplaced the origianal "rules" for the upcoming shuffle. Could
someone repost?

Many thanks!
Mike AB7RU

==
Michael Parkes AB7RU

____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 29 Oct 1998 15:31:58 -0500
From: Steve <smann@advi.net>
To: breynold@sigg.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23506] Re: 44-MAGNUM???? -Reply
Message-ID: <3638D0BE.639C@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Reynolds wrote:
>
> >...anybody heard when the new 44
> >magnum will be out?
>
> I got my 44 MAGNUM in 1964, thanks to Bill
> Ruger. Used it to remove the high
> frequency response from my left ear!
>
> 73, Red K5VOL

If only one ear was affected, you musta been doin sumthin wrong!

Steve N4EY
(have had a couple-a Rugers myself)

Date: Thu, 29 Oct 1998 15:33:36 -0500
From: Steve <smann@advi.net>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23507] Re: Official ZOMBIE SHUFFLE Rules
Message-ID: <3638D120.6BE3@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brian Kassel wrote:

>   I vote for "CQ BOO". Maybe I'm too late with
> my vote, and this has become a "dead" issue?
>

No problem, you're among the keying "dead".

Steve, N4EY
Zombie badge #257

Date: Wed, 28 Oct 1998 17:39:39 -0500
From: n2tpa@juno.com (Bill d Lazure)
To: QRP-L@Lehigh.EDU
Subject: [23508] Re: FOX QRM?
Message-ID: <19981029.155559.7534.0.N2TPA@juno.com>

Folks,

     Same thing happened to me last nite on 7040. Started a nice QSO, then after 5 minutews or so, out of nowhere come two VERY powerful stations already in QSO. No QRL or CQ at all!
I never did hear my other end again. Anti-QRP movement afoot? Better call the folks of the FMLA for help.

72 and happy hunting

Bill
W2EB

>> For the past 3 foxes, there have been two QRO stations that move in
>on top of
>> the FOX hunt and sit there for about an hour. T

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 16:02:59 -0500
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [23509] RE: Keyboard CW
Message-ID: <004701be037f$99bd4300$a106f0d1@ne0c.1st.net>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone

Mark kq0i wrote-----

>Whatever the reason, I'm going to start experimenting with sending by
keyboard. I have an MFJ 1278 TNC which has some memory buffers
available.

Any advice from those of you that use keyboards and memories and such for
CW?

I have used Keyboards for about 12 years now, started with an Drake 7000E
Communications Terminal for RTTY/CW. It worked very well and has a very
good receiver, can copy some real sloppy code. I now have use the MFJ 451
and MFJ 493. The 493, MFJ Super Menu Driven Memory Keyer/Keyboard is the
one I use most. It has a better speed adjust and more memory--32 K. I have
not used the Drake for 10 years but still have it, maybe QRP RTTY some day.

The MFJ 1274 will do a good job but the monitor must be at the operationg
position, I never did like that. I really think the gray matter is a better
receiver then all TNC's or Communications Terminals. I tell them " Using a
keyboard to send but still receive the old fashion way---By Ear"

72 from The Buzzard Roost---Ken/ne0c QRP-L 1524
Flushing, Ohio

Date: Thu, 29 Oct 1998 15:06:42 -0600
From: k5ubs@juno.com (Oscar A Hoyt)
To: qrp-l@Lehigh.EDU
Subject: [23510] QRP chuckle
Message-ID: <19981029.150645.6366.1.k5ubs@juno.com>

Oh yes, ZBM2.... "Place...on watch on this frequency a competent
operator."
still have my Navy Q&Z manual
Oscar K5UBS   Ham since 55

_____
You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Oct 1998 15:02:18 -0600
From: Bob Reynolds <breynold@sigg.com>
To: smann@advi.net
Cc: qrp-l@Lehigh.EDU
Subject: [23511] Re: 44-MAGNUM???? -Reply -Reply
Message-ID: <98Oct29.150626cst.26895@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> Steve <smann@advi.net> 10/29 2:31
pm >>>
Bob Reynolds wrote:

>>If only one ear was affected, you musta
>>been doin sumthin wrong!

Yep - southpaw shooting without hearing
protectors - right ear was off side protected.

Or I could say it was planned for conditions if
bad QRM! But i won't.

73, Red K5VOL

Date: Thu, 29 Oct 1998 13:29:46 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: John Levreault <jlevro@mediaone.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23512] Re: Tayloe Mixer
Message-ID: <Pine.BSF.4.05.9810291237150.16362-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well folks,

    It looks like a lot of us are busy trying to replicate Dan Tayloe's
results. I haven't seen this much experimenting since Pons and Fleishmann

announced their "cold fusion" discovery!!! I just received my 'CBT3253 samples yesterday, so of course you can count me in.

First of all, caps don't generally produce thermal noise the way that resistors do. This is because of thermal noise induced by the resistive element itself. For reference, the noise is figured as:

```
 e  = sqrt(4kTR)        Where: k = Boltzman's constant
  n                   = 1.381E-23 Joules/Kelvin
                        T = temp (degrees Kelvin)
                        R = resistance in Ohms
```

Hence, a 200K resistor makes about 57 nV of noise. A 50 Ohm resistor produces about 0.9 nV of wideband noise. Therefore, it's a darned good idea to keep impedances low, even for low-level audio stages. Reactive elements like caps are considered to be noise-free in Campbell's design. Inductors would be too, but the resistance of the coil tends to add a wee bit o' noise.

In any high gain design, the noise level is set by the first gain stage. If this stage can be made as quiet as possible, and with reasonably high gain, the overall system noise figure will be minimized. In the case of the R2, the first gain stage is the post-amp.

The original post-amp design had lower gain, but a higher dynamic range than the 'revised' design that appeared in the QST 'Technical Correspondence' column some months later. The revised design has higher gain, but a lot less headroom than the original, so my tests reveal.

With high value resistors in the phase shifter, the noise figure is sure to be compromised. But, since the overall system noise is set by the post-amp, the phase shifter noise contribution isn't as bad as one might think. This was carefully considered in the gain distribution of the R2.

> Regarding the R2 phase shifter, it's my belief that the noise properties are
> limited more by the high resistor/low capacitor values than the noise properties
> of the opamps. For example, a .001uf cap is about 200Kohms reactive at 800Hz.
> Wouldn't this give a high equivalent noise voltage?
>
> Is this why KK7B needs 40dB of gain between the mixer/diplexer and the phase
> shifter, to overcome the poor noise properties of the phase shifter? With this
> much gain prior to the sharp audio filters, it's possible to overload the
> post-mixer amp. By going to a lower-Z phase shifter and lower gain in the
> post-amp, the dynamic range of this receiver might improve, not that's it's that
> bad to start with. I've seen a couple of articles where the noise figure of this
> receiver is improved by increasing the gain in the post-amp. Doesn't this
> further imply poor noise performance in the phase shifter?
>

> Or maybe not. Comments?
>
> 73 de nb1i
> John
>
>
>

Date: Thu, 29 Oct 1998 16:39:19 -0500
From: John Levreault <jlevro@mediaone.net>
To: "Robert P. Okas" <vintage@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23513] Re: Tayloe Mixer
Message-ID: <3638E087.10ABD14B@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Robert P. Okas" wrote:

> First of all, caps don't generally produce thermal noise the way that
> resistors do. This is because of thermal noise induced by the resistive
> element itself.

OK, but:

What is the "noise contribution" or whatever you want to call it, of, say, the 3rd stage of the R2 phase shifter, which has a .001uf cap going to the + input of the opamp, a 511K resistor to ground, and 10K/10K feedback network? In other words, does
the lack of noise in the capacitor somehow "bypass" the noise from the 511K resistor?

John nb1i

Date: Thu, 29 Oct 1998 16:44:14 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-l@Lehigh.EDU
Subject: [23514] Re: Copy CW Challlenge

Message-ID: <3.0.2.32.19981029164414.006a15c4@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Ref: 73 mag. Oct. '98 pg. 4.
>W7JWJ has offered $1000 to anyone that can beat him at copying the code.
>
>That should be easy for "dit dit".
>He says that a poor diet is "a big part of the problem" in learning the
>code.
>(That's a new one)
> W7JWJ has certificate for copying 79 wpm.
>   dave ab5pc fresno, ca.

Which foods does he suggest that one ingest in order to QRQ ?

73 de Mike W9OJ

Date: Thu, 29 Oct 1998 16:44:12 EST
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [23515] Some thoughts on QRP-L usage
Message-ID: <4c1ac34a.3638e1ac@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone apparently accidentally posted a note in which an entire day's archives were attached. I have suppressed (OK, well I admit it, my memory isn't what it used to be anyway) the unfortunate offender's name. But there is a lesson or two to be learned from this embarrassing error. First, being embarrassed in front of 2,000 plus of your friends isn't fun. A couple of years ago, I managed to post a private note accidentally, so I know firsthand how to ruin everyone's day, mostly my own. Considering that I am a card carrying self-embarrasser, I hope this won't be taken wrong by my fellow transgressors:

  First, it is lazy and dangerous to use the reply button to post to the group. Because of the large number of people who subscribe to this list, any posting should be thought through, at least long enough to intentionally type the list address each time you really mean to make a posting. Take the address of QRP-L out of your address book. That way, you will at least eliminate one way to make an unintentional posting. The last thing you want to do is hit an automatic send button from the address book with a private message waiting in the out box. You can't get it back. Same problem with the

reply button. If you mean to reply to an individual, then check the address in the TO box, and make sure it isn't going to the whole QRP world.
    One sure sign that a person has been dangerously lazy is a subject line that purports to be answering a digest instead of a real topic. Please, digest users, don't reply to a digest in your subject line. That deprives the rest of us from knowing what your message is about. And many folks just don't want to read every topic. Plus, there's a good chance you don't really mean to post to the whole group--the blunder occurs when your reply button picks up the QRP-L address instead of the intended recipient. All these errors are part of the same package.

    This list has to be one of the best things to happen in ham radio for many years. It is a real source of wonder that so many of us QRP enthusiasts have found each other here. But with growth has come new necessities. Let's work on keeping the list free of litter, and remember to be nice to each other.

Regards,

Preston Douglas WJ2V

Date: Thu, 29 Oct 1998 16:48:12
From: Steven Weber <kd1jv@moose.ncia.net>
To: John Levreault <jlevro@mediaone.net>
Cc: qrp-l@lehigh.edu
Subject: [23516] Re: Tayloe Mixer
Message-ID: <3.0.3.16.19981029164812.117fa3e4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Regarding the R2 phase shifter, it's my belief that the noise properties are
>limited more by the high resistor/low capacitor values than the noise
properties
>of the opamps. For example, a .001uf cap is about 200Kohms reactive at 800Hz.
>Wouldn't this give a high equivalent noise voltage?
>
Hi John,

Well, I'm no expert at noise theory, but the first gain stage is what generally sets the overall noise figure. Following stages still add noise, but is usually a small percentage of the overall signal and hence, not nearly as significant.

The R2 phase shifter is working unity gain. Since there is no gain involved, it adds little to the noise figure. Using low noise op amps here may or may not make a noticable difference, but what the heck, might as well use the better parts.

DC recievers need lots of audio gain, on the order of 100 dB. In the R2, most of that gain is in the first two stages, with the rest of made up by the audio amp. Redistubuting the gain woun't affect the over all dynamic range. The strong signal capabitlity is set by the peak to peak voltage output levels capable by the stages that see the largest signals. Larger supply voltages or op amps with "rail-to-rail" input and output cabilities will help here, or an audio AGC to reduce the overall gain. (something I haven't seen in any DC Rx designs, but is definatly needed)

The Burr-Brown INA103 Insturment amps should be ideal input amps for this circuit. They have an astounding 1 nV/ sqrt Hz noise figure looking into 200 ohms and 0.0009% THD @1KHz at a gain of 100. Amazing. But performance comes at a price, in this case 6 bucks a pop.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 29 Oct 1998 16:52:26
From: Steven Weber <kd1jv@moose.ncia.net>
To: DNT1@chrysler.com
Cc: qrp-l@lehigh.edu
Subject: [23517] Re: Iron-on PC layout material?
Message-ID: <3.0.3.16.19981029165226.117f46e6@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Does anyone on the list know where to get this stuff & what the trade name
>is?
>
I like PnP Blue, made by Techniks, PO Box 463, Ringoes, NJ 08551 908.788.8249

20 sheets for $30.00, #20PNPB

Or, 5 sheets for $11.95 from All Electronics.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 29 Oct 1998 16:52:36 EST
From: BADDBadger@aol.com
To: qrp-l@Lehigh.EDU
Subject: [23518] Re: QRP chuckle
Message-ID: <6747b22f.3638e3a4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I have not been following this thread too closely, so this might have been
already covered... It's the all important Q-code: QTJ- QUICK! The John!

Gary Schnabl
(South West) Detroit- where I am 2 miles NORTH of Canada!

Date: Thu, 29 Oct 1998 18:02:08 -0400
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23519] Re: Good grief!!
Message-ID: <3638E5E0.BF6F7788@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Regarding the post that quoted an ENTIRE archive:

I have to say that I agree with W1HUE.

With the six mail lists (four amateur and two PIC) I'm currently on, I
get about 300-500 msgs. per day. On the average, about 98% of those are
garbage. On a good day perhaps 97%!

I know, I know, freedom of speech and all that. Every person must have
their say.

I know all about filters and the delete key. Use them all the time.
Things like "fox" and "bubba" don't interest me right now, so Netscape's
filters obligingly delete them for me. Its not these kind of things I'm
talking about here. It's this constant quoting of entire messages
(thank heavens my filters took care of the <4000 liner!!) with one line

added - and sometimes with no lines added!!! And it all starts up again a week after the list owner threatens anyone who does this with sudden extinction.

And of course the flames. How would we keep our small little minds warm without those.

And the replies intended for one person being continually sent to the list.

Don't get me wrong, I don't intend to unsubscribe from here. My frustration level hasn't risen that high - yet. I've met some great folks on here and gotten rapid answers to questions posted. I hope I've been able to help others in return.

I would just hope that people could use a little more courtesy and common sense before hitting the "send" button.

But, with the way the world is these days, that's likely too much to ask.

73,
Dave
VE1VQ

Date: Thu, 29 Oct 1998 17:12:52 -0500
From: John Levreault <jlevro@mediaone.net>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: qrp-l@lehigh.edu
Subject: [23520] Re: Tayloe Mixer
Message-ID: <3638E864.B43EB81A@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> Well, I'm no expert at noise theory, but the first gain stage is what
> generally sets the overall noise figure. Following stages still add noise,
> but is usually a small percentage of the overall signal and hence, not
> nearly as significant.

I think this is only true if the gain in the first stage is greater than the noise figure of the succeeding stage(s). In the case of the R2, if the effective noise voltage of the phase shifter plus the passive filter (since the phase shifter is

unity gain) is greater than, say, 100nv/rt-Hz, and the gain of the post amp is 40dB, then I think the phase shifter gain will be observable.

If I recall, the first version of the R2, or maybe it was the R1, had lower gain in the post-amp, and Mr. Campbell mused as to the poor noise figure of the receiver. The post-amp gain was later increased, and the system noise figure dropped to a more respectable 12dB. But my facts may be as vague as my memory. It's just something I remember thinking about, and it seemed appropriate to bring it up.

> The R2 phase shifter is working unity gain. Since there is no gain
> involved, it adds little to the noise figure. Using low noise op amps here
> may or may not make a noticable difference, but what the heck, might as
> well use the better parts.

If the phase shifter has 1V of noise, I think the system will notice, independent of how much gain the stage has. Reductio ad absurdem, no?

> DC recievers need lots of audio gain, on the order of 100 dB. In the R2,
> most of that gain is in the first two stages, with the rest of made up by
> the audio amp. Redistubuting the gain woun't affect the over all dynamic
> range. The strong signal capabitlity is set by the peak to peak voltage
> output levels capable by the stages that see the largest signals. Larger
> supply voltages or op amps with "rail-to-rail" input and output cabilities
> will help here, or an audio AGC to reduce the overall gain. (something I
> haven't seen in any DC Rx designs, but is definatly needed)

Well, what if the gain of the post-amp were, say, 80dB? If it has an output swing of, say, 10Vpp, then it will clip with an input of 1mvpp. This is way below the level that will stress the mixer. I've always read that you want as little gain as possible before the main selectivity, which is the audio filter in the R2, although the diplexer does indeed help things a bit. I would think that you'd want only enough gain in the post amp so that its output swing would handle the maximum output from the mixer. Even with 40dB of gain in the post-amp, a 100mvpp signal (~35mvrms, or something like -18dBm) from the mixer will overload the post-amp. This corresponds to an input from the antenna of something around -10dBm, which is probably marginal in terms of the mixer capability, so this is probably ok. But a good +/-24V amp would make a difference in a post amp. I remember people wanting to use 807's for RF amps in tube receivers!

> The Burr-Brown INA103 Insturment amps should be ideal input amps for this
> circuit. They have an astounding 1 nV/ sqrt Hz noise figure looking into
> 200 ohms and 0.0009% THD @1KHz at a gain of 100. Amazing. But performance
> comes at a price, in this case 6 bucks a pop.

Also, the Analog Devices SSM2017 is around the same en.

Great discussion, thanks for the input!

73 de nb1i
John

Date: Thu, 29 Oct 1998 15:32:08 -0700
From: Jeff Johnson <jeff@san-dc.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [23521] Re: FOX QRM?
Message-ID: <3.0.32.19981029153206.009e1cf0@san-dc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill: I was camping and using my SW4040 out in the woods. I answered a CQ from a station and he identified himself as QRP. I was very excited to get a QRP to QRP contact when all of a sudden three distinct stations came in at about 28WPM with no calls or anything. I may have missed the calls, but now that I think about it - it was almost as if they were in mid-QSO. The thought of intentional interference because we were QRP had crossed my mind. If I could hear the station from the East Coast (I am in AZ), then I'm sure they could have.

>Folks,
>
>   Same thing happened to me last nite on 7040. Started a nice QSO,
>then after 5 minutews or so, out of nowhere come two VERY powerful
>stations already in QSO. No QRL or CQ at all!
>I never did hear my other end again. Anti-QRP movement afoot? Better
>call the folks of the FMLA for help.
>
>72 and happy hunting
>
>Bill
>W2EB
>
>>> For the past 3 foxes, there have been two QRO stations that move in
>>on top of
>>> the FOX hunt and sit there for about an hour. T

Jeff Johnson
KJ7LO

AZ ScQRPions

Phoenix, Arizona

Date: Thu, 29 Oct 1998 14:35:13 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [23522] Spice Demo Where???
Message-ID: <01be038c$65285780$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can someone send me the URL of where I can download a Spice demo? I think
I might have to learn how to use it for Chuck's course. Thanks, Doug, KI6DS

Please reply to ki6ds@dpol.k12.ca.us

Date: Thu, 29 Oct 1998 16:38:05 -0600
From: Dan Copeland <dcopeland@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [23523] Sierra Info
Message-ID: <22294876511425@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am thinking about getting a new Seirra and was just wondering
if there are any web sites with info and or mods.

tnx de Dan
Daniel Copeland KF0OV
dcopeland@wwn.net

 QCWA Webmaster* ARRL-life member* QRP-L 1004
  ARCI - 9670, Norcal 38S, MFJ 9040, OHR 100A/20
 http://www.qcwa.org | http://www.dcopeland.com
"I want to die peacefully in my sleep like my grandfather,
 not screaming in terror like his passengers."

Date: Thu, 29 Oct 1998 16:52:40 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU

Subject: [23524] keyboard cw
Message-ID: <7185-3638F1B8-644@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

I also use an mfj keyboard on occasion but I didnt even know they made a keyboad and moniter that would receive cw.Back in 1972 I used a vic 20 and a commodore 64 to send and receive cw but it was too complicated and didnt copy cw worth a flip. It was better just to use your ears and brain . They must have better ones today.
Larry k1zw

Date: Thu, 29 Oct 1998 17:59:35 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [23525] WTB: DD-1 Display // 30M Transceiver
Message-ID: <018201be038f$ccc7b7c0$15775acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking for a OHR DD-1 Display and a 30m transceiver like a SW40+ or similar. Please email direct if you have something..
thanks
Tim

Date: Thu, 29 Oct 1998 15:01:26 -0800
From: Jerry Conover <jerry.conover@NAU.EDU>
To: qrp-l@Lehigh.EDU
Subject: [23526] Oops ... Sorry!
Message-ID: <3638F3C6.8AEC9390@nau.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

A couple of kindly, flameless souls have brought to my attention that I posted a message to the list today that inadvertently quoted the entire

digest. Please accept my depest apologies for the waste of bandwidth
and your time dealing with that error. 'Twon't happen again!

72 de AB7II
Jerry

Date: Thu, 29 Oct 1998 18:11:49 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [23527] FOXHUNT 30 OCT
Message-ID: <3638F635.C547163D@worldnet.att.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

40 meters sounds in good shape for the hunt this evening. Tom. N1TP

Date: Thu, 29 Oct 1998 16:06:46 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23528] Re: Good Grief!
Message-ID: <36389296.774D129E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lighten up folks....could have been a mistake.
--
72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Thu, 29 Oct 1998 18:13:15 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-l@lehigh.edu
Subject: [23529] trade
Message-ID: <26668-3638F68B-1612@mailtod-132.iap.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

LOOKING FOR A 17MTR QRP XCVR.....MFJ'
HAVE A OHR 30MTR SPRINT QRP XCVR
A PEANUT WHISTLE 40 MTR XMTR 2 WATTS
AND A 40 MTR RCVR(HOMEBREW),WRKS GREAT
FOR TRADE

ALSO WOULD CONSIDER A TENTEC 17MTR.....
NOT SELLING ABOVE JUST TRADE...73 PAT/K8LEN

Date: Thu, 29 Oct 1998 15:15:57 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23530] 11-2-10 project...
Message-ID: <199810292313.PAA03672@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

A quick status on the 11-2-10 project: as Steve Weber
noted earlier, I've received the 11-2-10 beta kit and am
reviewing the build documentation. I want to make certain
that both the RS and Maxon units will build from the same
mod/assembly instructions. Steve and I will be comparing
notes (across 3,000 miles of modem wire) and will update
you as soon as possible -- couple of days :-)

We'll get there,

vry 72 - Conrad Weiss - NN6CW

Date: Thu, 29 Oct 1998 00:23:08 +0100
From: Lars Olsson <sm3avq@ebox.tninet.se>
To: qrp-l@Lehigh.EDU
Subject: [23531] Re: Dashes on right paddle or left?
Message-ID: <3637A75C.1381@ebox.tninet.se>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hej Johan,
If you visit me (and you are welcome) you don t need to turn my CMOS
Super Keyer up-side-down. Just push two buttons and you have it like you
are used to.
73 from Lars / SM3AVQ

Date: Thu, 29 Oct 1998 06:35:35 -0800
From: Lisa Osier <osier@northnet.org>
To: qrp-l@lehigh.EDU
Cc: osier@northnet.org
Subject: [23532] how to measure SSB power
Message-ID: <36387D37.F78@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang!!!!!

Have a stupid question..... just started back on SSB but both my meters
measure average power ...so how do i get a fairly accurate read
on my power???????.....

Tnx all es 73/72s
GEORGE OSIER N2JNZ

Date: Thu, 29 Oct 1998 15:40:22 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [23533] Fox-KU7Y-0100z Tonight!
Message-ID: <Pine.SOL.3.96.981029153737.27283F-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

40m sounds very, very quiet.

Just worked D2BB on 20m. He was over S9!

Hope this means 40m will be good.....

Rain and snow here all day. I'm home early.

The critter has been fed. Barn cleaned out.
Rig is on. Logging computer is on.

Yagi is still up on the tower and it sounds
like the feedline is connected!

Let the games begin......

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Oct 1998 18:48:03 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [23534] WTB BYO crystals
Message-ID:
<Pine.LNX.4.03.9810291829490.2795-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there anyone that has started the BYO transceiver project..picked up
the custom crystals and given up the project?

SELL ME YOUR CRYSTALS :-)

I need the 76.1931 , 67.8044 and 9.831396 crystals. I don't have a clue
as to how to describe them to the crystal grinders.

If you have ordered them....where did you get them and what specs did you
use.

Has anyone tried a different arrangement for the four switches in
fig.13-6? Have you tried ten separate switches? How did you interface
them? Possibly with 4066's. If you have : did you make up a pcb to mount
the switches.

Otherwise the project is moving along.

73,

Jim (N2GO)

Date: Thu, 29 Oct 1998 17:53:19 -0600
From: "C.D. Rakes" <cdrakes@ipa.net>
To: <qrp-l@lehigh.edu>
Subject: [23535] Test only, do not open.
Message-ID: <199810292351.RAA06655@ns3.ipa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

End of QRP-L Digest 1259
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